

DX LISTENING DIGEST 15-48, December 2, 2015  
Incorporating REVIEW OF INTERNATIONAL BROADCASTING  
edited by Glenn Hauser, <http://www.worldofradio.com>

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[also link to previous years]

NOTE: If you are a regular reader of DXLD, and a source of DX news but have not been sending it directly to us, please consider yourself obligated to do so. Thanks, Glenn

WORLD OF RADIO 1802 CONTENTS: \*DX and station news about:  
Bangladesh, Bolivia, Brasil, East Germany, Greece, Guatemala, India, Indonesia, Ireland, Japan, Korea South, Kurdistan non, Oklahoma, Palestine, Papua New Guinea, Per', Russia, Saudi Arabia and non, Spain non, Thailand, USA

SHORTWAVE AIRINGS OF WORLD OF RADIO 1802, December 3-9, 2015

Thu 1230	WRMI	9955
Thu 2100	WRMI	7570 [confirmed]
Fri 0200	WBCQ	9330v-CUSB [confirmed]
Fri 2130	WRMI	15770 [confirmed]
Fri 2130	WRMI	7570 [confirmed]
Sat 0730	HLR	7265-CUSB Hamburger Lokalradio
Sat 1530	HLR	7265-CUSB Hamburger Lokalradio
Sat 2030v	WA0RCR	1860-AM
Sun 0415v	WA0RCR	1860-AM [confirmed at 0430]
Sun 0900	WRMI	5850 [NEW; but no show yet Dec 6]
Mon 0400v	WBCQ	5110v Area 51 [pre-empted]
Mon 0430	WRMI	9955 [confirmed]
Tue 1200	WRMI	9955
Wed 1415	WRMI	9955
Wed 2200	WBCQ	7490v

Latest edition of this schedule version, including AM, FM, satellite and webcasts with hotlinks to station sites and audio, is at:  
<http://www.worldofradio.com/radioskd.html> or  
<http://schedule.worldofradio.org> or <http://sked.worldofradio.org>

For updates see our Anomaly Alert page:  
<http://www.worldofradio.com/anomaly.html>

#### WORLD OF RADIO PODCASTS:

Tnx to Dr Harald Gabler and the Rhein-Main Radio Club.  
<http://www.rmrc.de/index.php/rmrc-audio-plattform/podcast/glenn-hauser-wor>

ALTERNATIVE PODCASTS, tnx Stephen Cooper:  
<http://shortwave.am/wor.xml>

AND ANOTHER PODCAST ALTERNATIVE, tnx to Keith Weston:  
<http://feeds.feedburner.com/GlennHausersWorldOfRadio>

Also via [but still not back in service]:  
<http://tunein.com/radio/World-of-Radio-p198/>

#### OUR ONDEMAND AUDIO:

<http://www.worldofradio.com/audiomid.html>  
or <http://wor.worldofradio.org>

#### DAY-BY-DAY ARCHIVE OF GLENN HAUSER'S LOG REPORTS:

Unedited, uncondensed, unchanged from original version, many of them too complex, minutely researched, multi-frequency, opinionated, inconsequential, off-topic, or lengthy for some log editors to manage; and also ahead of their availability in these weekly issues:  
<http://www.hard-core-dx.com/index.php?topic=Hauser>

DXLD YAHOOGROUP: Why wait for DXLD? A lot more info, not all of it appearing in DXLD later, is posted at our yg without delay.

When applying, please identify yourself with your real name and location, and say something about why you want to join. Those who do not, unless I recognize them, will be prompted once to do so and no action will be taken otherwise. Here's where to sign up:  
<http://groups.yahoo.com/group/dxld/>

\*\* ALASKA. KBRW Booming In --- Started listening just before 0800 and found KBRW coming in very strongly. Hope this message reaches the e-List rather quicker than those sent recently! 73, (Martin, Clashmore, Scotland. Perseus SDR, RPA-1 preamp, MFJ-1026 phaser (modified), beverages: 290m at 187 degrees, 460m at 236 degrees, 490m at 276 degrees, 630m at 342 degrees, all terminated.  
<http://myweb.tiscali.co.uk/clashmoreradio/>  
0803 UT Nov 29, MWCircle yg via DXLD)

KBRW = 680, 10/10 kW U1, ``Top of the World Radio`` from the north coast; evidently a frequent visitor to subarctic regions of UK (gh)

Late Reception of Alaskans --- Surprisingly, both 680 KBRW and 970 KFBX [10/10 kW U1, Fairbanx] were coming in with Good peaks and IDs at 1700 today. This despite the K=5 spike earlier in the day. 73, (Martin and Andrew, Clashmore, Scotland. Perseus SDR, RPA-1 preamp, MFJ-1026 phaser (modified), beverages: 290m at 187 degrees, 460m at 236 degrees, 490m at 276 degrees, 630m at 342 degrees, all terminated. <http://myweb.tiscali.co.uk/clashmoreradio/> 2104 UT Nov 30, ibid.)

The very faintest of a KBRW carrier here at about that time. Can't you leave a bit of signal for the rest of us? :-). (Paul, Troon, Scotland, Crankshaw, 2107 UT Nov 30, ibid.)

Now also here in eastern Finland KBRW 680 kHz with readable signal for the first time this season. 73, (Mauno Ritola, 1654 UT Dec 3, ibid.)

\*\* ALASKA. Good signal of KNLS The New Life Station, Nov 24/26  
0800-0900 on 9615 NLS 100 kW / 270 deg to SEAs English  
0900-1000 on 9680\*NLS 100 kW / 300 deg to NEAs Russian  
1000-1100 on 9615 NLS 100 kW / 270 deg to SEAs English  
\*QRM Ictimai Radio on 9676.9 with broadband FM modulation  
<http://swldxbulgaria.blogspot.com/2015/11/alaska-good-signal-of-knls-new-life.html>  
(DX RE MIX NEWS #928 from Georgi Bancov and Ivo Ivanov, Nov 30, 2015 via DXLD)

\*\* ALASKA. 9615, Nov 30 at 1412, KNLS with story of Wiley Post and Will Rogers' final flight, outro as 'Postcard from Alaska, America's Last Frontier', poor signal but sufficient (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* ALBANIA. Neue deutschsprachige Sprecherin bei Radio Tirana?

ALBANIEN, 7465.978, Typische Winter Ausbreitung im 41 mb heute Abend, d, rftig f, r den Nahbereich in 800-1500 km Distanz.

Heute Abend tut man sich sehr schwer mit dem Empfang der deutschen Sendung aus Tiran Shijak. Um 2050 bis 2054 UT las eine Albanerin einen deutschen Text in der Reihe "Wissen ,ber Albanien" sehr emotionslos vor, der von einem historischen Burgenort und einem ?Hollywood? Film handelt, der dort in Teilen in diesem Tal im Jahr 2000 gedreht wurde.

Ich muss gestehen, ich habe keine 10% des Textinhalts verstanden, selbst mit passablem remote Signal aus England und Kopfh^rerempfang. Obwohl ich die Skip Zone von gut 1400 km heute Abend durch den Empfang n^rdlich London aus dem Raum Manchester 'ausgetrickst' habe.

Hier in S,ddeutschland war das RT Programm nur an der Grasnarbe bei S=3-4 deutlich in der Skip Zone liegend -- hier UNBRAUCHBAR. Manchester dagegen immerhin mit 2100 km Distanz aus Shijak entfernt.

2046-2050 UT Weibliche S%ngerin  
2051-2054 UT "Wissen ,ber Albanien"  
2054 bis 2058:10 UT Volkslied aus ?Topolena?  
2058:10 UT Pausensignal bis 2100:11 UT, danach Ansage in Englisch und  
identifikation in English (Wolfgang B,schel, 2115 UT Nov 26, DX  
LISTENING DIGEST)

\*\* ALBANIA [and non]. 7469.98, Nov 28 at 0224, R. Tirana is certainly  
on tonite, S7 to S9 with IS running past 0230 to sign-on starting at  
0230:41. Klara's announcement has changed to cite 7470 for this  
broadcast so it must be sticking; but sounds like she gives time for  
the earlier 7465 broadcast as ``2100 to 2030'', and into news. My  
first chance to check since I found it missing three nights ago.

Wolfgang B,schel was also monitoring this night, via a remote in New  
Jersey: ``7469.979 kHz frequency in 40mb from the Shijak broadcast  
center site. Signal strength was S=9+20dB tonight. All in English  
language. No distortion, no interference on that channel. Transmitter  
shut off at Shijak at 0258:45 UT``

7425, meanwhile, the frequency we persuaded R. Tirana not to use, is  
still occupied at 0225 Nov 28 by Vatican Radio mixing with Marti as  
leapfrog of 7305 over 7365 at Greenville, with the VR IS audible at  
0227. And also stray Cuban pulse jamming (Glenn Hauser, OK, DX  
LISTENING DIGEST)

[later:] Yes, she does say ``from 21 to 20:30 UTC ---`` from wb's  
recording (Glenn Hauser, ibid.)

7470, UT Sunday Nov 29 at 0228 and 0249 chex, R. Tirana is AWOL again;  
what's the problem? Propagation is OK. Not on 7425 or 7465 either.  
7425 still occupied by Vatican/Marti mix at 0228 check,

7470, Dec 1 at 0223, R. Tirana IS is audible but very poor, S5,  
confirming at least they are on after missing two nights ago (Glenn  
Hauser, OK, DX LISTENING DIGEST)

\*\* ALGERIA [and non]. For the first I heard RTA program in Arabic  
again on 153 kHz, tiny signal strength, but heard in the clear in 0252  
to 0256 UT time slot, when RadioCom Romania Brasov - Kronstadt Bod co-  
channel was silent with program break, before interval signal started  
from Bucharest radiohouse at 0256 UT, Nov 30.

But maybe at present on Lanzarote island journey, Manuel Mendez-Lugo-  
ESPA-A can hear that reduced power broadcast regularly in Lanzarote /  
Agadir area? wb df5sx (Wolfgang B,schel, Stuttgart, Germany, mwmasts  
yg via DXLD)

\*\* ANGOLA. R. Nacional de Angola. Very much appreciate the Nov 25-26 log submitted by Harold Sellers to DXLD yg:

"4949.8 ANGOLA Radio Nacional at 2353 in Portuguese, music, announcements, 2400 time pips and presumed news, poor, Nov. 25. Listening again at 0328 (now Nov. 26 UTC) and much better signal. Afro pop music, announcements and talk. By 0351 amazing strength, and getting better. Several iRadio Nacional de Angola IDs, time pips at 0400 and into news. Poorer by 0500 when again time pips followed by news. - Good, Nov 25 Sellers-BC."

This, I believe, confirms that my recent receptions with audio well above threshold level were not just isolated instances of good propagation, but seem to show a clear pattern of improved signal/modulation from Angola. Seemingly indicating that the station has indeed done something significant to improve their signal / modulation, after years of only hearing an open carrier here, with below threshold level audio.

Also thanks to Thorsten Hallmann, an expert on African SW, for his feedback: "Thanks for your notes. In fact, right now Angola can be received with pretty strong modulation, best on Italian remote receivers. That's really remarkable."

4949.73v, R. Nacional de Angola, 0303-0427, Nov 29; in Portuguese; mostly religious singing; 0400 time pips; news. It's during this newscast that I find it the easiest to ID this station, as they give 2-3 clear "Radio Nacional de Angola" IDs during the news; poor, on a night that had overall poor African reception. Believe had a slight downward drift (.76-.73). Still heard at 0509.

4949.75, R. Nacional de Angola. Nov 30 off the air for about a half hour; \*0408 back on again; many IDs for "Radio Nacional de Angola"; hi-life music; at times almost fair; first tuned in at 0228; audio well above threshold level the whole time, till tuned out 0514 (Ron Howard, Asilomar State Beach, CA, CR-1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST) see also PERU

\*\* ARGENTINA - Se agranda Grupo Plus: bienvenida LT9. Rosarioplus.com y SÍ 98.9 dan la bienvenida al grupo a la histórica LT9 de Santa Fe. Grupo Plus ganó el concurso abierto en su oportunidad por la Autoridad Federal de Servicios de Comunicación Audiovisual (Afsca), por resolución 40-AFSCA/15, y se le adjudicaron las emisoras LT9 AM 1150 y FM Laser 92.5. Más info:  
<http://www.rosarioplus.com/ennoticias/Se-agranda-Grupo-Plus-bienvenida-LT9-20151125-0008.html>

(Dino Bloise, FL, Nov 26, condiglista yg via DXLD)

Paradójicamente, el Grupo Plus se agranda cuando el régimen kirchnerista, con el que comulga, está en franca retirada. Es una pena que LT9, Radio Brigadier López - una emisora que me acompañó durante los años de mi niñez - haya caído tan bajo. Pero es así, colegas, por más que queramos evitar los vínculos políticos con los medios, es imposible. °Existen! Este es el caso de una tradicional emisora santafecina haciendo causa común con el oficialismo que debe entregar el poder el 10 de diciembre. Las vueltas de la vida --- una emisora adicta al poder que reinó durante 12 años convertida hoy en acérrima opositora del nuevo gobierno macrista. RGM ("Rubén Guillermo Margenet", Argentina, ibid.)

\*\* ARMENIA. New B-15 shortwave schedule of Voice of Armenia from December 1, ALL: on 4810 ERV 050 kW / non-dir to N/ME:

1500-1530 Yezidi, not confirmed  
1530-1545 Assyrian, not confirmed  
1545-1600 Greek, ex 1615-1630, confirmed  
1600-1630 Kurdish, ex 1545-1615 + video  
1630-1700 Azeri, new on shortwave + video  
1700-1715 Turkish, new on shortwave  
1715-1745 Azeri, new on shortwave + video  
1745-1815 Farsi, ex 1430-1500 + video  
1815-1845 Arabic, ex 1900-1930 + video

Very poor signal on Dec 1/2. Languages schedule will be updated in coming days!

<http://swldxbulgaria.blogspot.bg/2015/12/new-b-15-shortwave-schedule-of-voice-of.html>

73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Dec 1-2, dxldyg via DXLD)

\*\* AUSTRALIA. 2325, Nov 29 at 1320, Oz talk at S6 from VL8T Tennant Creek NT; while 2485 VL8K Katherine is a JBA carrier; why such a disparity? (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* AUSTRALIA. 6230-USB, Nov 30 at 1346, very poor signal with marine weather, Wiluna mentioned a few times, which is the location of VMW in Western Australia. Lucked out with no CNR1 jamming against Sound of Hope blocking the frequency (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* AUSTRIA. 5910.00, Thu Nov 26 at 0645, English preacher citing Romans VIII in a prayer. Not Polish, but surely this is the TWR service scheduled at 0645-0700 Tue-Sat only; no sign now of a second station such as Colombia (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* AZERBAIJAN. Strong signal of Ictimai Radio on November 26: 0800-1400 on 9676.9 unknown transmitter site to CeAs Azeri with broadband FM modulation

<http://swldxbulgaria.blogspot.bg/2015/11/strong-signal-of-ictimai-radio-on.html>  
(Ivo Ivanov, Sofia, Bulgaria, Nov 26, dxldyg via DX LISTENING DIGEST)

\*\* BAHRAIN. Weak reception of Radio Bahrain on November 24:  
from 1519 on 9745 ABH 010 kW / non-dir to N/ME Arabic CUSB, QRM NHK  
on 9750  
<http://swldxbulgaria.blogspot.bg/2015/11/weak-reception-of-radio-bahrain-on.html>  
(DX RE MIX NEWS #928 from Georgi Bancov and Ivo Ivanov, Nov 30, 2015  
via DXLD)

9745, C[arrier] + U[SB], 1505 signal to max S4 but most times on S1  
and less (Zacharias Liangas, Thessaloniki, Greece, Nov 26, DX  
LISTENING DIGEST)

\*\* BANGLADESH. 4750, Bangladesh Betar (Home Service), 1530-1545\*,  
Dec 1. In English; "Assalamu alaikum. 9:30 PM. This is Bangladesh  
Betar. The news read by Ōi; items about the Bangladesh Liberation War  
(Dec 1971), Bhutan/Bangladesh talks about supplying hydroelectric  
power, president going to Singapore for health care, Bangladesh  
women's cricket team in semi-finals; "Our next bulletin will be at ..  
PM, in Bangla"; 1545 ended audio, but continued open carrier till 1545  
tuned out; semi-readable; only slight QRM from CNR1 (Ron Howard,  
Asilomar State Beach, CA, EtŪn E1, antenna: 100' long wire, dxldyg via  
WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* BANGLADESH. Strong signal of Bangladesh Betar on November 26:  
1315-1345 on 9455 DKA 250 kW / 320 deg to SoAs Nepali+English  
<http://swldxbulgaria.blogspot.bg/2015/11/strong-signal-of-bangladesh-betar-on.html>  
(Ivo Ivanov, Sofia, Bulgaria, Nov 26, dxldyg via DX LISTENING DIGEST)

Good signal of Bangladesh Betar, Nov 30:  
1315-1345 on 9455 DKA 250 kW / 320 deg to SoAs Nepali  
<http://swldxbulgaria.blogspot.bg/2015/12/good-signal-of-bangladesh-betar-nov30.html>  
73! (Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

Reception of Bangladesh Betar on December 1:  
1600-1630 on 7250 DKA 250 kW / 290 deg to N/ME Arabic  
1630-1730 on 7250 DKA 250 kW / 290 deg to N/ME Bangla  
<http://swldxbulgaria.blogspot.bg/2015/12/reception-of-bangladesh-betar-on.html>  
73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Dec 1-2, dxldyg via DXLD)

\*\* BERMUDA. Defontes Broadcasting in Hamilton, Bermuda ceased  
operations about two months ago. The TV station went off air a year  
ago but continued newscasts online via youtube. Their radio stations  
ceased operations September 1st, 2015 so I would assume this means the  
AM stations which ran British Broadcasting Corporation's World Service  
feed on 1160 and the Bible Broadcasting Network English feed on 1280

kHz. Defontes had two other stations, Mix 106 and 1450 AM Gold which went silent as well (Paul Walker, AR, Nov 27, dxldyg via DX LISTENING DIGEST)

This mail explains why we have not been hearing Bermuda on 1280 and 1450. Best wishes (Barry :-), Carlisle UK, Davies, IRCA and MWCircle yg via DXLD)

I replied on the dxldyg and MW groups by reposting this from a recent DXLD (gh)

Hello Glenn, I have a contact there, and he has given me updates on the radio scene in BDA --- which really does not change much. I wish I knew him in 2005 when I visited.

All I can tell you at this time, about ZBM 89.1, is that they have jettisoned the talk shows\*, and are called Ocean 89. As you may know, they can be heard online via bermudabroadcasting dot com or their sister station's site, power95 dot bm

I heard them once this year as E-skip, but I highly doubt I will hear any other FM's from there, due to all others either being adjacents to HD stations, or co-channel to locals.

AM 1280 which is // bbnradio dot org, is the sole AM station left there, to my knowledge. In fact I was told that there was a SS station battling it there, about a week ago. I told him that it was likely either WADO in NYC or WCMN in PR which really is getting out lately. 1450 AM Gold was a great station. The seasoned folk don't have much to listen to there, as far as secular music, outside of Magic 102.7 (not WMXJ here) which also streams.

\*Everest deCosta, a talk host who I called on air in 2009 for which I have a recording, has retired, likely due to the shake-up. BTW from what I hear, they aren't changing at all, at night; same satellite AC as they have had for 20 years. What they are trying to accomplish in the day, I haven't a clue. The music is, to me, nondescript. Sincerely (Christopher Dunne, FL, Nov 18, WORLD OF RADIO 1800, DX LISTENING DIGEST)

Heard a children's Bible program on 1160 November 7 2200z while in Newfoundland. Domestic stations were still in daylight at the time. I presumed this was Bermuda at the time but now that I think about it I would have expected BBC here, not Bible stuff. Was I hearing Antigua? Still seems early for that to propagate (Rev. Jim Renfrew, Clarendon NY, Nov 27, DX LISTENING DIGEST)

That's about half an hour past Antigua sunset so they are surely



possible. And Google is your friend: Caribbean Radio Lighthouse has a program called "Storybook Room" at 2200. Sure sounds like a children's program (Chuck Hutton, IRCA via DXLD)

The Master of Terminators speaks. I listen and am enlightened (Jim Renfrew, ibid.)

I am/was assuming with Defontes owned and operated TV and AM, 1450 and FM, 106.1 going dark, so did 1160 and 1280 but have no actual confirmation. I was assuming Defontes footed the bill for those stations operating and that BBN and BBC weren't paying for it; so when finances dictated the others stations going off, BBN and BBC went with it (Paul Walker, dxldyg via DXLD)

Re: Walker's original post: BBN AM 1280 & BBC AM 1160 Bermuda CLOSE Must have been more recently then two months ago because I still heard 1280 BBN & 1450 AM Gold on 17 & 18 October with positive ID's. Haven't checked recently, though. 73, (Marc Visser, Belgium, Nov 30, MWCircle yg via DXLD)

\*\* BHUTAN. 6034.95, 22/11 \*0057, BBS Bhutan, start broadcast, slow song, talks, fair. 6034.95, 29/11 \*0037, BBS Bhutan, suddenly start broadcast without sign-on music, vernacular, good. QTH: Bocca di Magra - RX: Excalibr Pro - ANT: Wellbrook 1530S+ Imperium (Giampiero Bernardini, Dec 2, playdx yg via DXLD)

\*\* BOLIVIA. 5952.5, 29/11 0010, R. Pio XII - Siglo XX, Aymara, m'sica, suff (Roberto Pavanello, Vercelli / Italia, bclnews.it yg via DXLD)

[and non]. 5952.45, Dec 1 at 0110, R. Pio Doce is S9+10, nice to hear after being missing in last several evening monitoring sessions. Talk must be in Quechua or Aymara, as only a few loan-words from Spanish are understood. Still on at 0151, a little weaker at S9, but much stronger than something on 5950, presumably Iran in Tajik per HFCC (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST)

5952.43, Radio Pio Doce. Thanks to Glenn's Dec 1 alert that this was back on the air after a short absence, heard Dec 2 from 0225 to 0234\*; going off with the usual whistling iColonel Bogey Marchi and ID; very poor (Ron Howard, Asilomar State Beach, CA, EtUn E1, antenna: 100' long wire, dxldyg via WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* BOLIVIA. 6134.82, Dec 1 at 0154, dramatic promo about radio from R. Santa Cruz, S9 and no 6135.2 Brasil het, Aparecida off? Furthermore, the annoying RTTY intruder circa 6131.5 is also gone, hope for good (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST)

6134.80, R. Santa Cruz, 0207\*, Dec 2; Off with usual "Santa Cruz"

song; very poor (Ron Howard, Asilomar State Beach, CA, EtÚn E1,  
antenna: 100' long wire, dxldyg via WORLD OF RADIO 1802, DX LISTENING  
DIGEST)

\*\* BRAZIL. 2490 kHz, R·dio 8 de Setembro, Descalvado - SP, Brazil  
(Ondas Tropicais, ano 2.000); no video o Locutor Marcos Marsola, na  
hoje j· extinta Radio 8 de Setembro:  
<https://www.youtube.com/watch?v=gLzFuQBR9TY&feature=youtu.be>  
73 (Daniel Wylllyans, Hard-Core-DX mailing list via DXLD)

\*\* BRAZIL. 4814.97, Dec 1 at 0143, preacher in Brazuguese, S8 but with  
CODAR QRM; no doubt Rdif. Londrina. Several other 60m ZY carriers:  
4845, 4925+, 5035, but not 4885; see 4985 log too (Glenn Hauser, OK,  
DX LISTENING DIGEST)

Foto Antena de Onda Tropical da R·dio Verdes Florestas 4865 kHz /  
Photo Antenna Tropical Wave Radio Verdes Florestas 4865 kHz  
Parque das Antenas Radio - TV Verdes Florestas desde Cruzeiro do Sul ,  
Acre - Brazil - Antennas Park photo Radio and TV Verdes Florestas  
Radio e TV Verdes Florestas / 4865 kHz OT e 940 kHz AM  
<http://dxbrazilsw.blogspot.com.br/2015/11/fotos-antena-e-radio-verdes-florestas.html>  
73 (Daniel Wylllyans, Nova Xavantina, MT, Brazil, Hard-Core-DX mailing  
list via DXLD)

\*\* BRAZIL. 4985, Dec 1 at 0147, pop music at S8, // 11815 at S5, i.e.  
R. Brasil Central, Goi·nia, Goi·s (Glenn Hauser, OK, DX LISTENING  
DIGEST)

\*\* BRAZIL. 5035, R. Aparecida. 23/11 at 0300 in Portuguese with  
program Com A M,,e Aparecida, here and on 9630 with exact frequency but  
// on odd 6041, 6134, 9723, 9819, 11856, 11934 (but on 13/11 at 0500  
was on 9723.2) (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded  
Marconi ant own made), Dec Australian DX News via DXLD)

Actually the other frequencies are even odder if you extend them into  
one decimal place (gh, DXLD)

\*\* BRAZIL. 9565.06 approx., Nov 30 at 0705, very poor S3 song audible,  
rather than overtime Cuban jamming for a change, i.e. SRDA Curitiba  
(Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* BRAZIL. 9664.97 approx., Nov 30 at 0700, S9 signal much better than  
usual, ID with an address in Curitiba, not for Voz Mission·ria,  
Cambori·, national anthem, which we rarely hear on Brazilians --- this  
being 4 am local {or rather 5 am if on DST of UT -2}, 0702 rooster  
SFX, and opening 'Alvorada Sertaneja', program title repeated 10 or 12  
times by different voices, into music. Title means ``Dawn in the

Hinterland`` as Google would have it. Are they relaying SRDA?

9664.97 approx., Dec 1 at 0124 as I tune in Voz Mission-ria, an English ID! ``A station of the Missionary System of Communications``, and a city name I can't copy, 0125 back into Portuguese for TC as ``23 e 25 minutos`` --- so they are on DST of UT -2, and the national anthem I heard at 07 UT would be 5 am local, but still quite pre-dawn (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* BRAZIL. Radio RB2 relay R. Aparecida on odd frequency, Dec 1 0602 & 0633 on 9722.6 CUR 010 kW / 020 deg to BRA Portuguese: <http://swldxbulgaria.blogspot.bg/2015/12/radio-rb2-relay-raparecida-on-odd.html> 73! (Ivo Ivanov, Sofia, Bulgaria, Equipment: Sony ICF-2001D, dxldyg via DX LISTENING DIGEST)

9722.72, Nov 28 at 0142, RB2 has drifted down to here, S7.

9722.62, Dec 1 at 0128, Portuguese talk at S7 as R-dio RB2 continues to drift ever-downward.

9724.92, Dec 2 at 0131, Brazuguese talk into choral music, very poor S5, so R-dio RB2 has bumped its transmitter back up close to nominal frequency 9725.000, after drifting steadily downward for weeks; yesterday at same time I had it on 9722.62, and two nights earlier on 9722.72, so the rate of deceleration was .05 kHz per 24 hours. Shux, no point now in extrapolating when it would get to 9720.00. But will it resume drifting downward? Possibly not: Dec 2 at 0726 recheck, it's still on 9724.92 with a Brazuguese song/hymn (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* BRAZIL [and non]. Tentative reception of R-dio Transmundial on approx. 11735 kHz at 2019 UT today (1 December 2015) with a weak noisy signal on a Tecsun PL-880 with just its whip antenna indoors. What sounded like Portuguese talk and then music. Abruptly off at 2032 before I had a chance to compare with online streaming. Is this a usual sign-off time for this frequency? (Richard Langley, NB, dxldyg via DXLD)

Richard, I think it used to be reported going off early --- but what about Zanzibar? Did you hear nothing of it before or after 2032? 73, (Glenn Hauser, ibid.)

I also logged them last night (Glenn Blum, Dec 2, ibid.) Could you be a little more specific? Question was about their going off at 2032 (gh, ibid.)

Thanks, Glenn H. I've heard ZBC on 11735 kHz before and initially thought it might be them. But the cadence/sound of the language seemed

to be Portuguese and the music definitely South American. After the transmitter cut-off, there was just noise on the frequency so no sign of ZBC. The fact that Glenn Blum logged the station as Radio Transmundial clinches it, I think. And I forgot to mention that I checked the Twente WebSDR and there was only a barely-noticeable carrier on the frequency. Might be home in time this afternoon to have another listen (Richard Langley, NB, *ibid.*)

May well have been that Zanzibar was off earlier than 2100 and/or not propagating on that occasion (gh, DXLD)

Guys using SDR radio units should check the latest Hertz digit exact frequency on PC browser. Zanzibar island in Tanzania on 11734.998 kHz; or Brazilian Transmundial, 11734.982 kHz, \\ 5964.976 kHz. wb df5sx (Wolfgang B, schel, *ibid.*)

Thanks, Wolfy. I am not normally a "digit hound" or "digit detective," but I realize that a precise determination of the received frequency could be helpful in identifying a station with sub-par audio. I'm familiar with the offset LSB/USB approach to measuring the carrier-frequency precisely but I have a couple of questions in this regard:

1) How stable are the slightly-off transmitter frequencies? You quoted measured frequencies for Radio Transmundial and ZBC. Do these change from day-to-day, week-to-week, month-to-month?

2) An accurate measure of the received frequency (and I mean accurate and not just precise) requires the receiver to be calibrated. How well do the WebSDRs maintain their calibration? Granted they are active essentially constantly and so we shouldn't see much frequency drift, but is any drift possible such as from ambient temperature variations? If so, then this would always require first tuning in WWV or some other known standard before attempting any frequency measurement on a suspect station (-- Richard Langley, *ibid.*)

>>>> that's main purpose. <<<< Dear Richard, I can only speak about experience with Perseus SDR client and server exact/accurate measurements, even NOW AGAIN very IMPROVED screen outlet of new V5.0 software version. Excuse my bad English language, it's not my native language. I used Perseus SDR unit on many, many hours in past 7 years since November 2008, and Perseus online server net function in past 5 years since January 2011, on MW and SW bands.

As Johan from Sweden wrote recently - most approval - quote: "My old Perseus is a pure pleasure to use, both as a receiver and as a >>> lab' instrument <<<< and I often think of Nico as "The Radio da Vinci""

I can't speak for user of even supported GPS and OCXO Oscillator NetSDR or HDSDR / SDRconsole software. Often their user-log items differ surprisingly mostly real by 2-3 Hertz. In the past, I was very disappointed about frequency accuracy reading on PC software on various SDR unit versions. I used legions of 'SDRconsole' software versions by Mr. Brown, and that experience was always disappointed. Similar compared to my memories to the handling of Crystals on 'analog' RXs in the late sixties in past century. ---

Warming up need, - as Nico wrote on November 22, quote:

" ... The calibration should be done after the receiver has reached its nominal temperature (this usually takes 40/50 minutes) so that the oscillator drift (due to the temperature drift) becomes negligible.

The calibration can be done once for all; the aging of a xtal oscillator is maybe in the range of 1 ppm / year, so you don't need to redo the frequency calibration unless you have not used your receiver for months or you are going to use it at a much different ambient temperature.

I sometimes redo it just because I want an accurate frequency reading after few minutes I've turned on my receiver. In this case the receiver temperature has not yet stabilized and the oscillator is still to reach its final frequency. In this case the reading is valid only for another few minutes (as the oscillator is still drifting) but I have not to wait an hour to do it.

For this purpose I use the Russian time station at 9.996 MHz (or at 4.996 during the night) which allow to calibrate the receiver clock frequency to much less than 1 ppm. ... "  
---

> always require first tuning in WWV ...

Yes, many Perseus units in the server online net differ much of only few Hertz ... UP TO ... huge 450 Hertz difference in 16 or 13 mb.

You need the experience to c o m p a r e real ODD frequency broadcaster outlet, against nearby WWV WWVH standard station on 2.5, 5, 10, and 15 MHz service, Russians RWM Moscow Taldom on 4996, 9996, 14996 kHz, Canadian CHU Ottawa 3330 kHz, 7850 kHz, 14670 kHz, most of China mainland broadcast CRI/CNR frequencies of Beijing, Kashgar, or Urumqi broadcast center sites, Japanese HFD Radio Station Tokyo-Chofu 5006 kHz, 8006 kHz. Even New Territories Alice Springs site of 4835 kHz is always accurate, and at present all Babcock Oman relay and Ascension Isl broadcasts, too.

On MW the most exact signals appeared here in Europe from - for example - German public broadcaster on longwave, on MW 549, 756, 801, 1269, 1422, or Moldova's Russian service from Pridnestrovia 1413 kHz, or Macedonia 810 kHz, TDF Nice-Monaco North 1557 kHz.

But on the 'negative alignment maintain' side by bad work attention by their local technicians / engineers to mention for example, are MW Slovenia 918v kHz, most Taiwanese SW outlets, Indonesia's Cimanggis 9526v or 9680v, all US relay IBB Udorn Thani Thailand frequencies, AIR Goa Panaji site units, Babcock's UAE Al Dhabbaya site outlets, old ancient Harris units in RAE/RNA Buenos Aires, Argentina. R Tirana Shijak and MW Fllaka Albania sites, {compared to very frequency accurate CRI Cîrrik Albania relay outlets} a.s.o.

> Do these change from day-to-day, week-to-week, month-to-month? ...

for example 11735 kHz, Zanzibar uses a nearly accurate BBEF Beijing Made in China unit around 11735 or 2 Hz less, with rather accurate frequency under African hot air tropical condition.

> change from day-to-day ...

But the Brazilian station co-channel was always on lower sideband on v11734 kHz.

for example V of Indonesia, Cimanggis 9526v kHz is always odd frequency in same limited oddity range.

Buenos Aires on 11711 / 15344-15346 kHz, various broadcaster from Colombia and Brazil in 6009-6011 kHz range, Ethiopia varying in the 7236-7237 kHz range, or Malagasy on 5010-5012 kHz differ from day-to-day, and wandered by 10-30 Hertz up and down usually even during their broadcast. vy 73 wolffy df5sx wwdxc germany (Wolfgang B\_schel, DX LISTENING DIGEST)

I am pretty sure it was Zanzibar. See my log below to MARE Newsletter:

ZANZIBAR: 11735 kHz, ZBC, 1920-2005. Music program w/YL announcer. In presumed Swahili with ID at 1933. 2000: time pips, ID and news by YL. Hrd names of various African cities. I checked again at 2030 and signal still there, but gone on final check at 2040. Fair signal with some QRN on 12/01

P.S. I later saw reports on the DXLD site of a reported reception of Brazil's Radio Transmundial on the same frequency & day. So on 12/02 I tuned in again. I also listened to the SDR station at Univ of Twente in the Netherlands which had the same station, but was much more readable. Around 2028 heard several mentions of Tanzania and Mafia; the latter another nearby island off the mainland like Zanzibar. Sudden s/off 2055 12/02. So I am pretty sure this was ZBC on both days (Don Hosmer, MI, dxldyg via DX LISTENING DIGEST)

\*\* BRAZIL. 11915 kHz R-dio Ga'cha, Porto Alegre, Rio Grande do Sul, Brazil OM Ga'cha reporter, intervalo comercial dos pneus Pirelli o pneu oficial da formula 1 e stock car, ANN prefeitura de Canoas - RS sobre hospital e muitos leitos inaugurados. Noticia sobre Delsidio Amaral, tempo 22 graus celsius, SINPO 45344, Dia 28 de Novembro 2015 em 1730 UT:

<https://www.youtube.com/watch?v=hLEbDn8gID4&feature=youtu.be>

RX: Tecsun S-2000, Antenna: Telescopic (Daniel Wyllyans, Nova Xavantina MT, Brazil, Hard-Core-DX mailing list via DXLD)

\*\* BULGARIA. Dimtse Radio Erena via Secrethbrod, Nov 30  
1700-1730 on 11855 SCB 050 kW / 195 deg to EaAf Afar Oromo  
1730-1800 on 11855 SCB 050 kW / 195 deg to EaAf Arabic Mon-Fri  
1730-1800 on 11855 SCB 050 kW / 195 deg to EaAf Afar Oromo Sat/Sun  
<http://swldxbulgaria.blogspot.bg/2015/12/bvbroadcasting-and-dimtse-radio-arena.html>

73! (Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

\*\* CAMBODIA [non]. TAJIKISTAN, Poor to good signal of Voice of Khmer M'Chas Srok, Nov 26  
1130-1200 on 17860 DB 200 kW / 125 deg to SEAs Khmer Thu/Sun  
<http://swldxbulgaria.blogspot.bg/2015/11/poor-to-good-signal-of-voice-of-khmer.html>

(Ivo Ivanov, Sofia, Bulgaria, Nov 26, dxldyg via DX LISTENING DIGEST)

\*\* CANADA. 1610, Nov 29 at 0200 UT, Spanish promo for an Ecuadorian event in Toronto, i.e. CHHA Voces Latinas (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* CANADA. 2749-USB, Dec 2 at 0144, YL voice in English with day-by-day wind forecasts thru Sunday night at least, also sea heights, visibilities, past 0152, then Notices to Mariners at 0153;

S8 signal, and noise blanker must be employed on the NRD-545: it's effective contrary to what I had heard. Lately have been bugged by increased line noise level below 3 or 4 MHz here --- even tho power was still out across the street. Xmas season is typically bad with all the lighting displays at houses, altho I don't see any yet in the immediate neighborhood.

Anyway, according to  
<http://www.ccg-gcc.gc.ca/Marine-Communications/RAMN-2015/Part-2-Atlantic-Facilities-Information>  
starting at 0140 UT is VCS Halifax, via the Chebogue NS site:

``Radiotelephony (English followed by French):

Technical marine forecasts synopsis, forecasts and wave height forecasts for marine areas 201 to 2014.

U.S. weather forecasts for Coastal Waters ñ Eastport to Schoodic Point, Maine and Offshore Waters ñ Gulf of Maine to the Hague Line.

Notices to Shipping in areas Bay of Fundy, South and West Coast Nova Scotia.``

2598-USB also has a CCG station at this time, but too weak vs QRN level. Per same sked source that would be VOK Labrador with two sites shown starting at 0137 --- is it one or the other unpredictably, or what? Cartwright and Hopedale. Both are on the Labrador coast, Hopedale further north (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* CANADA. Revised RAC 0-30 MHz (Amateur) Band Plan released  
Southgate November 30, 2015  
[http://www.southgatearc.org/news/2015/november/revised-rac\\_0\\_30\\_mhz\\_band\\_plan\\_released.htm](http://www.southgatearc.org/news/2015/november/revised-rac_0_30_mhz_band_plan_released.htm)

The revised RAC 0-30 MHz Band Plan has been released with the effective date of December 1, 2015. This replaces the January 1, 2015 Band Plan version.

It incorporates several updates to reflect feedback received on the earlier version. The Band Plan graphics have also been changed to improve readability and make it easier to determine which segments are recommended for which modes, especially for those who are colour-blind.

The RAC 0-30 MHz Band Plan is available on the RAC web site:  
<http://wp.rac.ca/rac-0-30-mhz-band-plan>  
or by navigating through the iHow to Start? tab on the RAC home page. A downloadable PDF file is available by clicking the image. The French version may be found at  
<http://wp.rac.ca/qc/rac-du-plan-de-bande-0-30-mhz>

Hats off to Vince d'Eon, VE6LK for the many hours of work preparing the graphics through numerous revisions. Thanks to the RAC Band Planning Committee, chaired by Al Penney VO1NO, with members Mel Martin VE2DC, Ken Asmus VA3KA, Frank VanderZande VE7AV, and Don Moman VE6JY for the over one-year commitment in reviewing the old band plans and current practices. Thanks also to Claude Lalande VE2LCF and Dann



St-Pierre VE6TD for their help in producing the French language version and to Eric Lysenko VE3EAL for his insights on improving readability.

Finally, RAC would like to thank all those who provided comments on the January 1, 2015 Band Plan. This feedback was instrumental in producing a graphic of great use to Canadian Amateurs.

The RAC 0-30 MHz Band Plan is a living document. Comments and suggestions are welcome.

Please use the comment form <http://wp.rac.ca/executives> and select International Affairs Officer. Comments will be acknowledged and forwarded to the full RAC Band Planning Committee for consideration as future updates. George Gorsline VE3YV, International Affairs Officer (via Mike Terry, dxldyg via DXLD)

Band-plan, i.e. subdivisions of internationally allocated hambands, according to mode of use, CW, RTTY, phone, etc., etc. I've always wondered whether these are informal or regulatory with enforcement possible? (Glenn Hauser, OK, DX LISTENING DIGEST)

#### \*\* CHINA. 1566-China (Yanbian Jammer) Information

For those interested, here is some further information about the 1566-Chinese Jammer from Chris Kadlec, who is currently in Seoul, S. Korea. This information was first posted on a Facebook group.

Gary DeBock:

Hello Chris, The Chinese jammer on 1566 kHz (targeting HLAZ) is located in Yanbian, according to Alan Davies and Mauno Ritola. This location is very close to Korea, and is the same as the 1206 kHz transmitter location that CRI uses for its Korean language programs. The 1566-Jammer was first heard here in Washington state mixing with HLAZ during an April DXpedition to the ocean coast.

Yesterday at 3:13pm: Chris Kadlec:

Ah, thanks! No surprise there. I know that they were using actual stations to jam FEBC, but I wasn't so sure if they had a real jammer operating. They clearly don't want the community hearing FEBC, though I've never heard them jamming Korean programming, which seems like a more likely threat. Then again, FEBC is kinda powerful on my end, and the jammer likely isn't nearly as powerful. 1206 is Yanbian News Radio now actually, while CRI is 1323 in Huadian. I have a clip online from last week of 1323's sign-on here actually:

[http://www.beaglebass.com/dx/external/1323\\_Sign\\_on.mp3](http://www.beaglebass.com/dx/external/1323_Sign_on.mp3)

and 1206 Yanbian just came back on the air after what appears to have been an absence. I started AM DXing here a month and a half ago after

6 years of FM DXing (had no AM radio here at the time) and 1206 was Jiangsu Story Radio until Saturday suddenly.

The current AM band looks like this in Seoul (color coding includes stations I am working on as it's not 100% finished at the moment):  
[http://www.beaglebass.com/dx/external/AM\\_Bandscan\\_120115.pdf](http://www.beaglebass.com/dx/external/AM_Bandscan_120115.pdf)

Yesterday at 3:56pm Edited, Chris Kadlec:

Oh yes, this is certainly Yanbian! Much thanks for that information. Both 1206 and 1566 have been off for the past 6 weeks or more since I started my AM bandscan project. I noted both of them on in the past week again, so the entire tower was clearly off the air for some time and now back at the same time. Both stations are in the direction of Yanbian and Jilin. Here's a recording of 1566 from 12/1/15 0008 local time (UT+9). It's in the null of a weaker-than-normal FEBC, weaker because it is directional to the west and airing Chinese, allowing Yanbian to slip in from the other side. After they turned north at 1am, that jammer was gone (65dBu FEBC makes sure of it), but I suspect the jammer signs off with 1206 at 0105 anyway.  
[http://www.beaglebass.com/dx/external/1566\\_Yanbian.MP3](http://www.beaglebass.com/dx/external/1566_Yanbian.MP3)  
(via Gary DeBock, IRCA via DXLD)

Thanks for that information. I was wondering about the jammer while in Masset in October. I did not hear it, and was expecting to hear it, so I guess it was likely off the air during my visit (in mid-October).  
73, (Walt Salmaniw, BC, *ibid.*)

There was certainly a Chinese broadcaster heard on 1566 a week ago on Gabriola Island, quite readable in HLAZ fades. Haven't noted it at home yet however. Best wishes, (Nick Hall-Patch, BC, *ibid.*)

It hasn't shown up for me at home either, Nick, but it was pretty obvious during a trip to Ocean Shores, WA last April (in female Chinese, under HLAZ's male Japanese). By coincidence, this was apparently the first week that the 1566 Chinese HLAZ Jammer started to broadcast, according to Hiroyuki Okamura of Yokosuka, Japan.  
<http://www.mediafire.com/listen/8bdpot15ib1b3px/1566-HLAZ-UnID-mix-1314z040915CCSW.MP3>  
73, (Gary DeBock, WA, *ibid.*)

Are we talking now about noise jamming or Yanbian PBS programming?  
(Mauno Ritola, Finland, *ibid.*)

Mauno, The Yanbian-1566 Chinese station has always used the PBS programming in an obvious attempt to block the reception of HLAZ in China, a practice which Bill W[hitacre]. says is also frequently done by China in attempts to block VOA and other stations it doesn't want its people to receive. It does not use a noise jammer like the 1053

station in Korea (Gary DeBock, *ibid.*)

Hmmm. Alan Davies says on [asiawaves.net](http://asiawaves.net) that it is indeed parallel to 1053 (Chuck Hutton, *ibid.*)

Gary, I know all that. I asked, because this sound sample was at the end of the original posting:

[http://www.beaglebass.com/dx/external/1566\\_Yanbian.MP3](http://www.beaglebass.com/dx/external/1566_Yanbian.MP3)

What's the message of this file? (Mauno Ritola, *ibid.*)

Mauno, That 1566-Yanbian recording was made by Chris Kadlec in Seoul (S. Korea), and the only information he gave along with the recording is pasted below. As you can hear in the MP3 there is a noisy background at times, with a sound like whistling shots of gunfire. This is the first 1566-Yanbian recording I've ever heard with this noise in the background, so I don't know if it was typical of that station's audio. I'm going to ask Chris if he can provide us with some more 1566 recordings so that we can find out. Maybe Bill W. has heard something similar with China's jamming of VOA programming? (Gary DeBock, *ibid.*)

So the Chinese we hear is supposed to be from Yanbian PBS? Is FEBC off? (Mauno Ritola, *ibid.*)

Chris says that this Chinese was from 1566-Yanbian, recorded in the null of HLAZ (when HLAZ was broadcasting away from Seoul). The announcer's voice (and the programming style) also don't sound anything like HLAZ's usual Chinese announcers or religious format (Gary DeBock, *ibid.*)

According to a Chinese speaking DXer this is FEBC, not Yanbian. I agree, that Yanbian should be more than 25 kW, it is heard so easily even here in Finland (Mauno Ritola, *ibid.*)

I'll see if one of our Mandarin-speaking friends can take a listen. I've asked Chris if he can provide more 1566-Yanbian recordings, but haven't heard back from him yet (Gary DeBock, *ibid.*)

I wonder which station on 1053 would be parallel, Chuck? It seems a little odd that China would rebroadcast what is supposed to be a jammer in South Korea (Nick Hall-Patch, *ibid.*)

Nick: AsiaWaves is your friend. Alan lists 1566 Yanbian PBS as: Jamming transmitter against South Korean station (FEBC)// 1053 kHz. So naturally it would be parallel to Yanbian PBS 1053. I take it that in this case "jamming" means "powerful interfering broadcast" rather than "noise transmission" (Chuck Hutton, *ibid.*)

Indeed it does, Chuck. As you were replying to Gary's e-mail that contained the sentence

>It does not use a noise jammer like the 1053 station in Korea.

I jumped to the conclusion that is what you had been referring to. If I didn't jump to conclusions, I'd hardly get any exercise at all, so you'll have to bear with me, I'm afraid (Nick Hall-Patch, *ibid.*)

Possibly 1053-Yanbian PBS was the Chinese station mixing with the Korean Jammer at a good level during the Cape Perpetua DXpedition in August last year. Maybe a breakthrough case of a Jammer jamming the Jammer?

<https://app.box.com/s/nvld5g2vhup50hdau3u01wfl0qycdono>

(Gary DeBock, Dec 2, *ibid.*)

To make a long thread even longer, here's an article about the Yanbian "jammers" that circulated last spring. English translation originally posted by Alan Davies on DXLD and elsewhere. Unfortunately, the translation is a bit imprecise, like most Chinese to English translations. I'm not sure how effective a 25 kW transmitter would be against the powerhouses on 1053, 1188, and 1566. 1053, at least, is not new - I've had it listed in the PAL for over a decade.

"Medium wave transmitting station room source transformation. Source: "Technology Wind" in 2015 the first 04 Author: Zhang Ziming;

"Our medium wave transmitter station site is located in the town of Yanji city Xingan village Yilan. Signal source used as a main one two. The main road is an optical fiber (special road), prepare the way microwave analog signal. With the rapid development of urban construction, urban scale continues to expand, the location of the launch pad from the past into the suburbs of the city of Yanji city, the buildings gradually being under siege. This makes the old launch pad of the emitted electromagnetic waves, surrounding buildings can easily be blocked, absorbed, there has been transmitting antenna ground network seriously damaged, transmitter will not turn, transmit power reduction, listening effect of variation, reduced coverage and multiple broadcast barriers.

"So we moved to a new station in 2009, the new station located in Longjing Town Dongsheng Bay Village. After we moved to a new launch pad Taiwan, a total of four sets of radio programs, which use 200 kilowatts produced American Harris DX200 transmitters 1, a frequency of 1206 kHz, the Yanbian Korean, and broadcast program. Shanghai Pearl producing 25 kilowatts TSD-25 transmitter three, frequencies of 1053 kHz, 1188 kHz, 1566 kHz, 1053 kHz which TSD-25 transmitter to broadcast Chinese Yanbian program; 1188 kHz, 1566 kHz TSD-25 transmitter for the jammer.

"In order to achieve the "high-quality, uninterrupted, that is, economic, and security," the general policy requirements and effectively protect the safety of high-quality broadcast, each transmitter must be equipped with two-way power, but each has at least two signal transmitters. Source is also unquestionable. MW new station located in Longjing Town Dongsheng Bay Village . . " (via Bruce Portzer, ibid.)

\*\* CHINA [and non]. 13865, BBC, A1 [sic: it's As --- gh] Seela [UAE site]. Uzbek (very hostile to PR China maybe) on 13/11 at 1259: on 4790 with noise jamming; on 13865 plus CNR1 program; on 15510 plus siren jamming; on 17780 plus CNR1 program. By the way in previous seasons Beijing never jammed Radio Liberty in Uzbek! (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant own made), Dec Australian DX News via DXLD).

\*\* CHINA [non]. 9230, Radio Free Asia, Taiwan. on 19/11 at 1400-1500 in Cantonese, 1500-1600 in Mandarin & 1600-1608\* in Chinese from Sound of Hope. In the schedule B15 of RFA there are not shown frequencies for broadcasts in Cantonese.

6380, Sound of Hope (Clandestine). 21/11 at 2000 in Chinese heard also on // 6730, 7730, 7800 (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant own made), Dec Australian DX News via DXLD) So just SOH, no CNR1 jamming??? (gh, DXLD)

[and non]. 11000, Sound of Hope (presumed). 22/11 at 1100 in Chinese plus weaker jamming type isirenî (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant own made), Dec Australian DX News via DXLD)

9845, CNR 1 1250 adverts, S2

9940, CNR 1 double jammer against RFA at 1252, signal S9

7545, double CNR jammer against at 1308 of S5

7580, CNR1 jammer, 1634 // 4800 with nice soft music and talks against VoA. Jammer left at 1700 leaving VoA free who signed off after 1 minute (Zacharias Liangas, Thessaloniki, Greece, Nov 27, DX LISTENING DIGEST)

Before the hurricane "Gorm" will arrive here tonight, I send you the latest loggings, heard on my AOR AR7030PLUS with 28 metres of longwire partly laying on the ground and covered by snow!

5010.00, 2350-2400:00\* 28.11, R Taiwan International, Kouhu. Chinese talk, 22322, jammed by Voice of China (44333 with echo, signed off at 0001:02\*) // 4800 (45434) (Anker Petersen, Denmark, via Dario

Monferini, playdx yg via DXLD)

9410, Firedrake jamming, 2136, 11/30/15. Chinese traditional music jamming loop vs unheard Radio Free Asia in Mandarin via Saipan, MRA. Jammer Fair ñ good.

9860, CHINA, Firedrake jamming, 1858, 11/30/15. Traditional music jamming loop vs unheard Radio Free Asia in Mandarin via Saipan, MRA. Jamming fair (Mark Taylor, Madison WI, Perseus; 100í longwire, 40m dipole, NASWA yg via DXLD)

\*\* CHINA. Frequency change of CNR-17 in B-15:

1200-1500 on 6180 LIN 100 kW / 286 deg to EaAs Kazakh, ex 1200-1805

1500-1805 NF 6145 LIN 100 kW / 286 deg to EaAs Kazakh, ex 6180 B-14

<http://swldxbulgaria.blogspot.bg/2015/11/frequency-change-of-cnr-17.html>

(Ivo Ivanov, Sofia, Bulgaria, Nov 26, dxldyg via DX LISTENING DIGEST)

\*\* CHINA [and non]. Conociendo China (XI). Pekìn [Beijing]:

LA GRAN SORPRESA, O LA CIUDAD INABARCABLE

Categoría: Un alhameo por el mundo. Creado:

Miércoles, 25 Noviembre 2015 18:39 Escrito por Juan Franco Crespo

<http://alhama.com/digital/myblog/alhameno-mundo/9010-conociendo-china-xi-pekín-beijing-la-gran-sorpresa-o-la-ciudad-inabarcable>

b\_580\_800\_16777215\_10\_images\_stories\_mundo\_china\_101.jpg

Desde que comencé a caminar, la radio había sido una incombustible compañera de viaje.

b\_580\_800\_16777215\_10\_images\_stories\_mundo\_china\_000.jpg

b\_580\_800\_16777215\_10\_images\_stories\_mundo\_china\_102.jpg

Creo que la culpa la tuvo el ojo mágico que se encendía y apagaba de acuerdo a cómo entraba la señal hertziana cada vez que mi padre le daba a la perilla para estabilizar la emisora que se identificaba como un caón ¡Aquí Radio Pekín, Aquí Radio Pekín! y uno haciéndole preguntas: ¿Allí hablan como nosotros? ¿Dónde está Pekín? ¿Por qué esta emisora dice cosas que no dicen las emisoras españolas del momento y que a veces ni entraban en el receptor?

Preguntas, siempre preguntas, hasta que a esa magia radiofónica le íbamos poniendo imágenes, ubicaciones, gracias precisamente al Atlas y al Manual de países que creo editaban en México y que mi padre conseguía a veces cuando realizaba sus transportes a Málaga, Granada o Sevilla

Y un día escucho ¡Carta de Pekín! a donde se citan las cartas que llegan hasta la lejana emisora de radio y acusan recibo a gente de los más extraños territorios [o al menos a mi me lo parecían, pues todavía

no había salido de mi niñez y su inocencia] y fue entonces, siendo niño, cuando el jameño se atreve y escribe una de sus primeras cartas que al cabo de algo más de un mes tiene una respuesta postal en forma de agenda y posteriormente también llegarían revistas chinas que muestran cosas diferentes a mi entorno más inmediato. Medio siglo de correspondencia, medio siglo de amistad que cada nueva generación de locutores y traductores de lengua española que toman las riendas de la emisora internacional china, acrecientan.

Así que un día, al salir del trabajo, hay una oferta que me pareció una ganga. Por mil eures una semana en Pekín y, además, todo incluido. Año Nuevo cae justo en medio de la oferta. ¿Cómo resistirse a esa tentación si ese año ya te han sisado la extra navideña gracias a los grandes imagos de las finanzas que rigen los destinos de esta parte de España y que tuvimos la suerte que nos tocaron en la cosa esa que denominamos gobierno. Perdidos, al río.

Y me lié la manta, nunca había pasado de Oriente Medio, quizá la incertidumbre de enfrentarte no sólo a un mundo totalmente extraño no sólo gastronómicamente hablando, sino en lo cultural y material me impedía, físicamente ir más allá; era como si hubiera un imán que me ataba a la tierra, pero esa tentadora oferta y el hecho de volar vía Helsinki y posteriormente, tras el cambio de avión, sobrevolar Siberia, era un imán todavía más atractivo que el miedo a lo desconocido [al año siguiente el gusanillo me llevaría vía Helsinki-Tokio hasta Nueva Caledonia y Vanuatu].

Al final en la capital finlandesa nos juntamos una decena de intrépidos que no tenían nada mejor que hacer aquellas navidades y que, guiados por el mismo sueño, decidieron pasarlas de manera diferente. Y el viaje resultó realmente fantástico; un año nuevo inolvidable y la entrada del mismo siendo agasajado por la Redacción Española de la Radio Internacional de China que es el nombre actual de la entonces Radio Pekín; se me abrieron todas las puertas y me brindaron una maravillosa cena junto al personal que estaba de guardia ya que era período de vacaciones por las fiestas, pero la acogida fue de esas que hacen época y me dejó realmente sorprendido.

Cuando llegué a la radio ya estaba a punto de volver a casa, pero la gran locutora cubana Karelys Cusidó me toma al vuelo y me hace la entrevista por sorpresa y poco después llegaba la directora del departamento hispano que me muestra la exposición permanente de la radio y toda la redacción en donde se confeccionan, día tras día, las emisiones en la lengua de Cervantes para todo el mundo.

En la exposición aparecen todos los recuerdos que los oyentes de todo el orbe han ido enviando al gigantesco ente radial donde también tienen un inmenso globo terráqueo con miles de cartas de todo el mundo

que simbolizan esa hermandad en torno a las ondas hertzianas gracias a la magia que inunda el Éter y te engancha al receptor. Que te abran las puertas y te hagan sentirte como si estuvieras en tu casa, no es precisamente algo muy habitual, por ello es algo que hay que resaltar.

El buen trato y la calidez humana en un mundo donde lo occidental no es precisamente imperante, es algo que difícilmente se borra. La calidez de la cena, de aquella inolvidable comida y, tras los postres, los que estaban de guardia a la ipecera para lanzar al Éter las noticias y a preparar el resto de programas ya que, la radio, como cualquier otro medio de comunicación que se precie, no duerme, no descansa.

Tras los abrazos de despedida con un ¡hasta pronto!, marchaba a la estación de metro cercana para volver al centro neurálgico de la mastodúntica capital de China, mi hotel quedaba frente a la Estación Central de los Ferrocarriles de China, o sea: que el tour operador, sin que yo tuviera ni la más remota idea, me había colocado en una situación privilegiada y tras andas unos veinte minutos desde la estación de metro, de nuevo estaba en el hotel.

Todo un chollo para un extranjero ya que, gracias a esa privilegiada ubicación, ello te convierte en un testigo privilegiado en una zona capitalina en constante transformación y nada se parece a la imagen que tenía de Pekín antes de partir de España.

Gracias a la estación de trenes había un bullicio constante [a pesar del frío glacial, también nos cayó una gran nevada] y la mutación del paisaje era constante ante la diversidad de individuos que entran y salen en aquellos inmensos corredores para los más extraños destinos de la inmensa China. Allí mismo pude realizar algunas compras gracias no precisamente a mis conocimientos de chino, sino al siempre mágico mundo de los i gestosí.

La idea de Pekín más próxima la tenía gracias a aquella fantástica película ¡El último emperador! que recuperé en la Biblioteca para llevarme algo fresco antes de llegar al lugar en que se rodó la cinta en aquella inmensa, inabarcable urbe. Todo un universo chino en miniatura, desbordante, dinámico y prácticamente sin tiempo material para quedarte ensimismado.

Lo que más sorprende al viajero es la monumentalidad y el cariño que ponen por conservar su pasado donde algunos rincones son realmente fantásticos y difícilmente uno puede imaginarlos si no los patea. La ciudad en sí misma requiere todo el tiempo que le podamos dedicar y uno nunca acaba de conocerla porque, además, está en constante metamorfosis como podría comprobar dos años después cuando de nuevo sería acogido por la radio, ahora como ganador del concurso ¡Percibir



Chinaí que a'n est· colgado en la web institucional de la emisora.

En una guía de turismo me encontrÈ esta definiciÔn que da en la diana:  
iBeijing podría calificarse como el iWashingtoní de China, otra gran  
arquitectura del ego, un depÔsito de pompa, sentimiento y orgullo  
desmedido, la tumba de todas las fantasías y locuras de los mortales  
que la historia dota con grandeza y nobleza inmortalesí. Pero  
necesitaremos recapitular e iniciar la historia del origen de la  
capital china (via Crespo, DXLD)

Photos show him wearing a big red muffler over his mouth but not nose;  
semi-protexion against airpol? AlhameÔo refers to someone from the  
land of the Alhambra, not Alemania (Glenn Hauser, DX LISTENING DIGEST)

\*\* CHINA [non]. UZBEKISTAN, Weak signal of Stream of Praise Music  
Ministries, Dec 1  
2100-2130 on 7530 TAC 100 kW / 090 deg to EaAs Cantonese/Chinese  
<http://swldxbulgaria.blogspot.bg/2015/12/weak-signal-of-stream-of-praise-music.html>  
73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Dec 1-2, dxldyg via DXLD)

\*\* CRIMEA. AKSENOV ORDERED TO CLEAN UP THE UKRAINIAN MASS MEDIA ON THE  
TERRITORY OF CRIMEA

The head of the Crimea Sergey Aksenov has demanded from the Ministry  
of Information of the region to turn off the Ukrainian mass media - TV  
and radio, which you can watch and listen to the north of the  
peninsula.

"Ukrainian Media Strip as a class! To even I have not heard that  
someone was watching the telecast incomprehensible" - said Aksenov  
Thursday evening at a meeting of the interdepartmental staff for  
emergency response in the Crimea, after hearing the report of  
Dzhankoy.

The minister of internal policy, information and communication in the  
region of the Crimean Deputy Prime Minister Dmitry Polonsky said in  
Crimea really documented cases of broadcast on medium and long waves  
of Ukrainian radio stations.

"People twist radios, they can catch and Arabs," - said Polonsky,  
arguing that the problem is not so massive.

"Well, make sure you have the information, check again" - insisted the  
Crimean speaker Vladimir Konstantinov (interfax.ru via OnAir.ru via  
RusDX Nov 30 via DXLD)

The head of the Crimea Sergey Aksenov ordered to stop broadcasting the

Ukrainian mass media on the territory of the northern regions of the peninsula. So he responded to reports that in cities the Armenian and Ukrainian Dzhankoi broadcast station transmits TASS.

"Ukrainian Media Strip as a class. So I did not even hear that someone is listening in Crimea these programs is unclear. It is better to let "Good night, kids" look "- he said at a meeting of staff for emergencies.

Deputy Prime Minister of the republic Dmitry Polonsky, in turn, said that the reports of Ukrainian radio stations broadcast regularly receives from the inhabitants of the peninsula, though they stop broadcasting is very difficult. He said that the documented cases of broadcasting in the Crimea on the medium and long-wave stations. "But on the medium wave radio, and can be the "Voice of America" to catch. Therefore, unless we sobem [sic] satellite, we can drown it. Officially, no Ukrainian mass media on the territory of Crimea is not broadcasting, "- said Polonsky.

More information on the RBC:

<http://www.rbc.ru/rbcfreenews/56573cf39a7947c4b1e61a40>  
(MIDX # 970 via RusDX Nov 30 via DXLD)

Is that unclear? (gh, DXLD)

\*\* CUBA. 1040, Radio Mayabeque, G,ines, Mayabeque. 1110 November 27, 2015. Very good in extremely tight nulling of my very local WHB0. Nice traditional Cuban folk vocals, parallel 1140 and terrible 1450.

1140, Radio Mayabeque, La Salud, Mayabeque. 1119 November 27, 2015. Parallel 1040 with traditional Cuban folk vocals, lots of multi Rebelde co-channel.

1450, CUBA, Radio Mayabeque, G,ines, Mayabeque. 1114 November 27, 2015. In briefly in the co-channel, parallel 1040 with Cuban folk vocals. Listed 1 kW (Terry L. Krueger, All times/dates GMT, Clearwater FL, NRD-535, IC-R75, roof dipole, active loop, DX LISTENING DIGEST)

\*\* CUBA. 1350, Radio Ciudad del Mar, Aguada, Cienfuegos. 1043 November 23, 2015. Nice Cuban folk vocals, youthful female announcer mentioning the program is "Guateque Campesino." Reverb canned ID by man at 1057, piano and steel pan-sounding station theme filler. Male/female canned ID at 1100, "Esta es CM(CM?), Radio Ciudad del Mar, desde Cienfuegos, Cuba" then cheesy time sounders -- lost count, maybe seven -- same station theme tune briefly, into morning news magazine. Besides also on 1340 (impossible here do to local WTAN), additionally listed as FM 98.9 and 106.3 MHz on their website (Terry L. Krueger, All times/dates GMT, NRD-535, IC-R75, roof dipole, active loop from Clearwater, FL, DX

## LISTENING DIGEST)

\*\* CUBA. 6165, R Havana Cuba with English transmission re a medical delegation from the US currently touring Cuba. HM01 #s & digidata; the #s & digidata were clearly // 10345 almost equal in strength to the RHC audio. Only fair reception due to audio mixing. I assume it was a switching error in the transmitter someplace that had both signals hitting the exciter the 6165 transmitter. Let's hear them deny HM01 is from Cuba now! :) Interestingly 6100, 6060 & 6000 were not affected and were pumping out RHC as normal, so it was something unique to the 6165 transmitter! 0632-0640 20/Nov with Heath SB-310 (Ken Vito Zichi, Williamston MI, MARE Tipsheet 28 Nov via DXLD)

11670, R. Habana Cuba, Bauta. Now here for English to NAM noted at 2025, NF (x 11760). Doesn't seem to have been an especially smart decision. It now suffers heavy QRM from the co-channel AIR - Bengaluru which has been here for ages with its Hindi service to Europe. The old 11760 is now empty and is the perfect choice for RHC! Good one, Arnie!! 23/11 (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Double Bazooka antennas for 80 and 40 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU, Dec Australian DX News via DXLD)

What do you bet it stays on 11670 at least until another seasonal transition, so as not to admit having made a terrible mistake (gh, DXLD)

### Observations of Radio Habana Cuba Nov 24

from 0552 5040 BAU 100 kW / non-dir Cuba Spanish as scheduled in B15  
from 0552 6060 QVC 250 kW / 010 deg ENAM Spanish, instead of English  
from 0554 6000 QVC 250 kW / 010 deg ENAM English as scheduled in B15  
from 0554 6100 BAU 100 kW / 310 deg WNAM English as scheduled in B15  
from 0601 5040 BAU 100 kW / non-dir Cuba English as scheduled in B15  
from 0601 6000 QVC 250 kW / 010 deg ENAM English as scheduled in B15  
from 0601 6060 QVC 250 kW / 010 deg ENAM English as scheduled in B15  
from 0601 6100 BAU 100 kW / 310 deg WNAM English as scheduled in B15  
<http://swldxbulgaria.blogspot.bg/2015/11/observations-of-radio-habana-cuba-and.html>  
(DX RE MIX NEWS #928 from Georgi Bancov and Ivo Ivanov, Nov 30, 2015 via DXLD)

[and non]. Strong co-channel between All India Radio & Radio Habana Cuba on 11670

2045-2230 on 11670 BGL 500 kW / 325 deg WeEu English All India Radio  
2100-2130 on 11670 BAU 100 kW / 340 deg WNAM French Radio Habana Cuba  
<http://swldxbulgaria.blogspot.bg/2015/11/strong-co-ch-between-all-india-radio.html>  
-- 73! (Ivo Ivanov, Nov 28, dxldyg via DX LISTENING DIGEST)

5025, Nov 26 at 0643, R. Rebelde modulation is cutting out; wiggle that patchcord! Or is this held together by chewing gum or baling wire?

15370, Nov 26 at 1938, open carrier/dead air with big hum, must be RHC, which is supposed to be in French to Europe from 1930. Réveillez-vous!

17730, Nov 27 at 2247, RHC French is supertorted --- suppressed and distorted modulation (Glenn Hauser, OK, DX LISTENING DIGEST)

Anomalies of Radio Habana Cuba on Sunday, November 29  
till 0700 6000 QVC 250 kW/010 deg ENAm Spanish, instead of English  
0700-0704 6000 QVC 250 kW/010 deg ENAm Spanish, unscheduled prgr  
0700-0710 6100 BAU 100 kW/310 deg WNAm Esperanto Sun, no signal  
0710-0723 6100 BAU 100 kW/310 deg WNAm Spanish Sun, stead of Esperanto  
0723-0730 6100 BAU 100 kW/310 deg WNAm Esperanto Sun, dead air and off  
<http://swldxbulgaria.blogspot.bg/2015/11/anomalies-of-radio-habana-cuba-on.html>  
-- 73! (Ivo Ivanov, B'lgariya, dxldyg via DX LISTENING DIGEST)

6100, Sunday Nov 29 at 0723, RHC is S9+30 but almost dead air --- turning up the volume, I can hear RHC Spanish which isn't supposed to be on any frequency at this hour. 0700-0730 Sundays is when Esperanto is scheduled to air --- so we're getting there, unlike last week when the transmitter was not on at all. I wonder if they've been misrunning it at 0600 instead, like Wolfgang B,schel caught them doing a few weeks ago?

9540, Dec 1 at 0123, strong stray pulse jamming, maybe spur from the pileup on 9490, QRMing weaker 9535 RHC, tsk2, unless LSB employed to tune it (Glenn Hauser, OK, DX LISTENING DIGEST)

Anomalies of Radio Habana Cuba on December 1  
0532&0550 6075 BEJ 050 kW / 125 deg SoAm English, instead of Spanish  
0532&0550 6000 QVC 250 kW / 010 deg ENAm English as scheduled in B15  
0532&0550 6060 QVC 250 kW / 010 deg ENAm English as scheduled in B15  
0532&0550 6100 BAU 100 kW / 310 deg WNAm English as scheduled in B15  
<http://swldxbulgaria.blogspot.bg/2015/12/anomalies-of-radio-habana-cuba-on.html>  
73! (Ivo Ivanov, Sofia, Bulgaria, Equipment: Sony ICF-2001D, dxldyg via DX LISTENING DIGEST)

15730, Dec 2 at 2109, surprised to find RHC French on a frequency not on their B-15 sked at all; had been in A-15 only at 11-15 in Spanish. And this is // and synchro on scheduled 11880 and 11670. What's it doing on 15730 now? I wonder if they were also on it today before 2100, when VOA is the main 15730 occupant, to Africa (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* EAST TURKISTAN. 3950, Xinjiang PBS, Urumqi. 14/11 1705-1800, one of the seven different music programs heard on:

3950 // 5060, 5960; 3990 // 4980; 4500; 4820 // 6050; 4850 // 6015; 4905 // 4920 etc; 11710 // 11925, etc. (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant own made), Dec Australian DX News via DXLD)

\*\* ECUADOR [non]. Radio Akhbar Mufriha via BaBcoCk on December 1

2100-2115 on 7300 WOF 250 kW / 170 deg to NoAf Tachelhit

2115-2145 on 7300 WOF 250 kW / 170 deg to NoAf Arabic & dialects

2145-2215 on 9530 ASC 250 kW / 027 deg to WeAf Hassinya Thu-Tue

<http://swldxbulgaria.blogspot.bg/2015/12/radio-akhbar-mufriha-via-babcock-on.html>  
73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Dec 1-2, dxldyg via DXLD)

\*\* EGYPT. 9900, Nov 27 at 2143, fair signal from R. Cairo transmitting dead air in English. Still so at 2243 as the English sesquihour toward Europe and North America should be closing.

9964.55 approx., Nov 28 at 0140, R. Cairo Arabic service is just barely modulated with whine, S9+10.

9745, Nov 28 at 0213, R. Cairo's other Arabic service is suptorted, S9+20. Nothing in English/dead air on 9315, 9720 or 9860.

9964.54, Nov 29 at 0135, R. Cairo, S9+20 but dead air in Arabic except for lite whine.

9745.00, Nov 29 at 0217, R. Cairo, S9+20, dead air in the other Arabic service (Glenn Hauser, OK, DX LISTENING DIGEST)

Strong signal and very distorted audio of Radio Cairo Nov 29

1900-2000 NF 9570 ABS 200 kW / 325 deg to WeEu German, ex 9905 B-14:

<http://swldxbulgaria.blogspot.bg/2015/11/strong-signal-and-very-distorted-audio.html>

-- 73! (Ivo Ivanov, B'lgariya, dxldyg via DX LISTENING DIGEST)

9745.07 approx., Nov 30 at 0659, R. Cairo VG signal with suptorted presumably Arabic modulation until off at 0659:53\*. Scheduled 0200-0700, so pretty good precision there; too bad they can't apply that to modulating (Glenn Hauser, OK, DX LISTENING DIGEST)

9900, Radio Cairo ñ Abis (Presumed), 2107, 11/30/15, in French. Man and woman announcers. Usual problems with modulation but audible (Mark Taylor, Madison WI, Perseus; 100í longwire, 40m dipole, NASWA yg via DXLD)

\*\* EQUATORIAL GUINEA. 5005, RNGE Bata, 0436-0507, Nov 29. In progress

with non-stop repetitive African singing; no break at ToH; very weak, but slowly improving. A very early sign on? Seems to have a flexible schedule.

5005, RUGE Bata, tuned in at 0525, Nov 30. Another example of their erratic schedule, as was not on the air at 0515, so a late sign on; repetitive hi-life music; poor, but signal improving; better reception than yesterday (Ron Howard, Asilomar State Beach, CA, CR-1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

5005 kHz, Radio Nacional de Guinea Ecuatorial (Radio Bata) m'sica popular del país, OM con slogan y MX, SINPO 24122, Dia 17 Noviembre 2015 en 0214 UT:

<https://www.youtube.com/watch?v=JKtcovLPqXw&feature=youtu.be>

RX: Tecsun S-2000. Antenna: Long wire 3.000 Meters (Daniel Wyllyans, Nova Xavantina MT Brazil, Hard-Core-DX mailing list via DXLD)

?? Very odd time, not normally on air before 0425 UT. Clock on his radio says 10:42-10:43, presumably meaningless. Why doesn't he set it correctly if he is going to video it? Is very poor reception with lots of distortion, lightning crashes and interference, just chanting; no announcements readable in Spanish. Nothing to match it to E.G. other than the frequency.

Plugging a 3-km-long antenna into a radio like this could cause severe overload. Could be receiver mixing product or image, e.g. 5915 minus 910 kHz, Zambia? If it should be on that early, maybe not. Aoki has ZNBC starting at 0240 UT. There are also edits - jumpcuts in this video, but not perceptible in the audio; how can that be? Very annoying thing about YT --- if you don't get out of it quickly, goes on to play unwanted another audiovideo (Glenn Hauser, OK, DX LISTENING DIGEST)

Hi Glenn, In my experience 0214 is too early for Zambia. Their fish eagle interval signal generally starts around 0240 or 0241, as Aoki suggests, but may be preceded by a few minutes of 1 kHz sine wave. Ron Howard has been reporting transmitter problems on 5915 of late, but these involve them being off-air rather than on early. But I haven't been checking every day recently, maybe Ron has noticed occasional early starts (Bill Bingham, Johannesburg RSA. Drake R8E, Sony ICF2001D, Dec 2, dxldyg via DX LISTENING DIGEST)

Hi Bill & Glenn, Agree with you, Bill - 0214 is too early for Zambia. My experience with ZNBC/Radio One, on 5915, is that they always start their IS sometime around 0240. There is only one day a year that I observe them signing on early - New Year's Eve, to broadcast their special live celebrations.

As for 5005 (RNGE), believe my Nov 21 reception (0416-0437\*) was an anomaly. Since then I have observed R. Bata with sign on times of just before and after 0500, as well as once being off the air at that time (Ron, California, Dec 2, ibid.)

\*\* ERITREA [non]. FRANCE, Excellent reception of Eritrean Forum Medrek on Dec 1:  
1700-1800 on 11720 ISS 250 kW / 130 deg to EaAf Tigrinya Tue/Fri/Sun  
<http://swldxbulgaria.blogspot.bg/2015/12/excellent-reception-of-eritrean-forum.html>  
73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Dec 1-2, dxldyg via DXLD)

\*\* ETHIOPIA. 5995, 26/11 1805, Voice of the Tigray Revolution - Mekele, Tigrino, m'sica, suff (Roberto Pavanello, Vercelli / Italia, bclnews.it yg via DXLD)

Not Mali???? If really 5995. Or typo for 5950, the real V Of Tigray Rev frequency (gh, DXLD)

\*\* ETHIOPIA [non]. 15515, ROMANIA, Raadiyo Warra Wangeelaa at 1516 in Oromo. This is a Christian program, brokered by IRRS Italy and transmitted only Saturdays 1500-1530 via Romania (according to Aoki) towards the Horn of Africa. Had left this frequency for a brief period earlier this month, but has returned. Heard with religious talk, local music, 1525 ID, announcements, music, 1529 website and ID, 1529:45 off. - Fair, Nov 28 (Harold Sellers, Vernon, British Columbia, listening in my car, parked by the lake. Using the Eton E1 and Sony AN1 active antenna, dxldyg via DXLD) Ivo says moved to BLGARIA site

\*\* ETHIOPIA [non]. U.K. (non), Dimtse Radio Erena via BaBcoCk Secrethbrod on Nov 26  
1700-1730 on 11855 SCB 050 kW / 195 deg to EaAf Afar Oromo  
1730-1800 on 11855 SCB 050 kW / 195 deg to EaAf Arabic Mon-Fri  
1730-1800 on 11855 SCB 050 kW / 195 deg to EaAf Afar Oromo Sat/Sun  
<http://swldxbulgaria.blogspot.bg/2015/11/dimtse-radio-erena-via-babcock.html>  
(Ivo Ivanov, Sofia, Bulgaria, Nov 26, dxldyg via DX LISTENING DIGEST)

\*\* EUROPE. PIRATE-EURO. Stress Radio, 6270 AM, 2343-0030\*, 11-27-15, SIO: 333. Lots of Dutch polkas, talk by The Black Bandit/Johnny Tobacco, IDing as "Stress Radio" (Chris Lobdell, Tewksbury, MA, Receivers: E1, NRD-545, Aerials: 40 Meter dipole, G5RV dipole, DX LISTENING DIGEST)

\*\* FRANCE. Strong signal of Radio France International Nov 27 [Fri]:  
0800-0830 on 15455 ISS 500 kW / 198 deg to WeAf Mandingo Mon-Fri  
0800-0830 on 15455 ISS 500 kW / 198 deg to WeAf French Sat/Sun  
1200-1230 on 21620 ISS 500 kW / 198 deg to WeAf Mandingo Mon-Fri  
1200-1230 on 21620 ISS 500 kW / 198 deg to WeAf French Sat/Sun

<http://swldxbulgaria.blogspot.bg/2015/11/strong-signal-of-radio-france.html>  
(Ivo Ivanov, Sofia, Bulgaria, Nov 27, dxldyg via DX LISTENING DIGEST)

\*\* FRANCE [non]. 11580, Sat Nov 28 at 0133, RFI English via WRMI is S9+10, but modulation is scratchy; interview in Ghana about the limited areas 4G is available (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* GERMANY. Deutsche Welle and World of Radio via Goehren in CUSB on November 28 [Sat]  
0700-0730 7265\*G0H 001 kW / 230 deg CEu English Sat/Wed Deutsche Welle  
0730-0800 7265\*G0H 001 kW / 230 deg CEu English Sat/Wed World of Radio  
<http://swldxbulgaria.blogspot.bg/2015/11/deutsche-welle-and-world-of-radio-via.html>  
73! (Ivo Ivanov, Nov 28, dxldyg via DX LISTENING DIGEST)

Have you axually heard these on a Wednesday?? Supposedly had been suspended at 1530 and I thought 0730 too (gh, DXLD)

7265, Hamburger Lokal Radio, Gohren, \*0700-0740, 28-11,  
Identification: "Hamburger Lokal Radio", program in English, at 0730,  
Glenn Hauser's program "World of Radio", 24432 (Manuel MÈndez, Lugo, Spain, Logs in Lugo, Tecsun PL-880, Sony ICF SW 7600 G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

\*\* GERMANY. Good reception of Deutscher Wetterdienst on Nov 28:  
1205-1230 on 5905 PIN 010 kW / non-dir to CeEu German in CUSB  
<http://swldxbulgaria.blogspot.bg/2015/11/good-reception-of-deutscher.html>  
-- 73! (Ivo Ivanov, Nov 28, dxldyg via DX LISTENING DIGEST)

30/11, 2000, 5905, DWD Deutscher Wetterdienst. Meteo service in German with good signal. The audioclip is available here:  
<http://swli05639fr.blogspot.it/2015/12/audioclip-deutscher-wetterdienst-5905.html>  
73's de (Francesco, QTH: Central Italy, RX: ICOM R71, ANT: 100 mt LW, Ceccone, Dec 2, condiglista yg via DXLD)

Strong signal of Deutscher Wetterdienst on Dec 1  
0604-0630 on 5905 PIN 010 kW / non-dir to CeEu German CUSB  
<http://swldxbulgaria.blogspot.bg/2015/12/strong-signal-of-deutscher-wetterdienst.html>  
73! (Ivo Ivanov, Sofia, Bulgaria, Equipment: Sony ICF-2001D, dxldyg via DX LISTENING DIGEST)

\*\* GERMANY EAST. RADIO BERLIN INTERNATIONAL MEMORIES

A query from a BBC colleague who is researching the history of RBI:  
Does anyone remember listening to John Peet, a British defector to the GDR, who had a show on RBI on Fridays or Saturdays, possibly called Dateline Berlin? Thanks, (Chris Greenway, England, Nov 27, dxldyg via



## WORLD OF RADIO 1802, DX LISTENING DIGEST)

John Peet was the former Reuters correspondent in Berlin who defected, in the early 1950s, to the East Germans. For many years after his defection, he published a fortnightly English-language publication called "Democratic German Report". He also contributed a weekly talk on RBI's English service for Europe under the title, if memory serves me correctly, of "John Peet's Commentary". He had an interesting voice that, ironically, was rather like that of the notorious Nazi radio propagandist William Joyce.

Peet had previous radio experience at British-run Jerusalem Radio during the Second World War. Towards the end of his life, he wrote an autobiography which, again if I remember correctly, was called "The Long Engagement". In this work, he reveals that he was recruited as a Soviet agent. He was tasked with the job of assassinating General Franco but, when the opportunity came to kill the Spanish dictator, he could not bring himself to do it. He did, however, join the Republican side in the Spanish civil war. Apparently, he lost contact with the Soviet secret service, but they tried to recruit him again several years after he defected to East Germany - only this time they wanted him to spy on his hosts!

In my opinion, Peet was one of the most accomplished speakers on RBI, and he seemed very effective as a propagandist. The story of the people who worked for RBI is well worth telling. For example, the woman who called herself Margorie Milner was married to a German defector who was sent back into Germany as an OSS agent. Moreover, the former head of RBI's English section, Hans Hertzberg, who was also a defector from Nazi Germany, served in the British Army, and I believe that another English speaker on the station was the son of the famous spy known as Sonja, who for many years was one of the main Soviet agents in Britain. Posted by: (Roger Tidy, *ibid.*, WORLD OF RADIO 1802, DX LISTENING DIGEST)

Other names coming to mind. "June Jones", "Rudy Friedel". Lots of R. Berlin Int items in the GDR section of <http://www.kg4lac.com> Lots, but not complete as I have souvenirs, etc., to include. Not enough hours in a day. 73, (Kraig, KG4LAC, Krist, *ibid.*)

\*\* GOA [and non]. Due to problems with 250 kW transmitters of AIR Panaji, many of their services are now transmitted via AIR Bengaluru (500 kW) etc. Hence Vividh Bharathi Service at 1245-1710 UT on 9870 is cancelled. Yours sincerely, (Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India Mobile: +91 94416 96043, Dec 2, dx\_india yg via DXLD)

\*\* GREECE. Members, This comes from the mwcircle part of Facebook.

Christoforos Liatos reported that 1008 kHz Krka - Corfu has been reactivated on 26 November 2015. It seems that the new Greek government is trying to bring back the ring of stations around Greece's borders. This is a small piece of good news set against the big reductions set for the end of the year. I have made the necessary movements between the two spreadsheets. 73 and 88 (Dan Goldfarb, Nov 26, mwmasts yg via DXLD)

GREECE re 1008 kHz, nothing noted at 0910 UT on Nov 27 on that channel. Checked via SV8RV remote SDR units at Zakynthos island in Greece. But Corfu was NOT ON AIR at this time slot.

Also late noted 1512.007 kHz Chania (Crete) 100 kW was NOT ON AIR, seemingly a morning transmission break?

[and non] Quick tuning around the band revealed some others:  
1053.029, Tripoli Libya  
Two UNID stations on 1494v, like 1494.0 and 1493.937 kHz odd.

in Greek language  
963.0 kHz Cyprus

729.010 kHz Athens Boyati, Attica 150 kW  
1314.002 kHz tentative Tripolis 10 kW  
1404.008 kHz Komotini 100 kW  
local 1583.997 kHz S=9+45dB signal.  
wb df5sx (Wolfgang B\_schel, Nov 27, ibid.)

Re 1008 kHz, Checked via SV8RV remote SDR units at Zakynthos island in Greece.

1007.9955 kHz noted exact footprint at 0225 UT on Nov 30, seemingly re-appeared Kerkyra Corfu island Elliniki Greek public radio station.  
\\ Played same continuously international music program like the two other Greeks  
729.0105, GRC Athens Boyati, Attica 150 kW, and  
1404.0085, GRC Komotini 100 kW

BUT on 1313.999 kHz noted Romanian Radio Ontania Craiova station identification ID instead at 0230 UT.

Late noted 1512.007 kHz Chania (Crete) 100 kW was NOT ON AIR tonight.  
wb df5sx (Wolfgang B\_schel, ibid.)

\*\* GREECE. Voice of Greece in 1100-1800 UT time slot on November 23  
all: on 9420 AVL 170 kW / 323 deg to WeEu

1100-1110 Greek/Spanish/Albanian/Italian

1110-1200 Greek

1200-1301 Greek relay Proto Program ERT 1

1301-1307 English, co-ch CNR-13 in Uyghur [WORLD OF RADIO 1802]

1307-1807 Greek, co-ch CNR-13 in Uyghur

No signal from Voice of Greece on 9420 after 1830/1845

<http://swldxbulgaria.blogspot.bg/2015/11/voice-of-greece-in-1100-1800ut-slot-on.html>

Voice of Greece in 0650-1931 UT time slot on November 25

0650-0705 Greek

0705-0730 Romanian/Arabic/Serbian/Spanish

0730-1100 Greek + various, without videos

1100-1110 Greek/Spanish/Albanian/Italian

1110-1200 Greek

1200-1300 Greek relay Proto Program ERT 1

1300-1305 English, co-ch CNR-13 in Uyghur [WORLD OF RADIO 1802]

1305-1805 Greek, co-ch CNR-13 in Uyghur

1805-1930 Greek and off air at 1931

<http://swldxbulgaria.blogspot.bg/2015/11/voice-of-greece-in-0700-1805ut-time.html>

Transmissions of Voice of Greece on November 26 and 27

from 2030 Greek

from 0700 Greek\*

\*relay ERT-3 Radiophonikos Stathmos Makedonias and off air at 0707UT

[http://swldxbulgaria.blogspot.bg/2015/11/transmissions-of-voice-of-greece-on\\_27.html](http://swldxbulgaria.blogspot.bg/2015/11/transmissions-of-voice-of-greece-on_27.html)

(DX RE MIX NEWS #928 from Georgi Bancov and Ivo Ivanov, Nov 30, 2015 via DXLD)

9420, Nov 27 at 0159, VOG is on, as is more and more rare, 5-pip mis-timesignal ending at 0200:23! VOG theme, I Foni Tis Helladas, Greek announcement mentions Makedonias, so is it relaying that program? Guess not as then ID ``Edho Athinai`` rather than Thessaloniki. Good signal, yet nothing from 9330 WBCQ (Glenn Hauser, OK, DX LISTENING DIGEST)

9420.004, Voice of Greece ERT Avlis played Greek folk music at 0655 UT Nov 27, at 0700 station identification "Helliniki`` or something like (Wolfgang B.schel, Nov 27, DX LISTENING DIGEST)

Voice of Greece relay ERT Tria Radiophonikos Stathmos Makedonias in Greek to WeEu 0700 on 9420 Avlis, off air at 0707 UT, video later today -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Nov 27, ibid.)

9420, Nov 30 at 2200, VOG is strong enough to break squelch on the BST-1 caradio memory scan, timesignal about 10 seconds late, full ID in Greek, more nice music. By 0120 Dec 1 it's still on but VP at S6 on the NRD-545 (Glenn Hauser, OK, DX LISTENING DIGEST)

Voice of Greece is again on shortwave after absence  
from 1818 on 9420 AVL 170 kW / 323 deg to WeEu Greek Nov 30  
from 0200 on 9420 AVL 170 kW / 323 deg to NoAm Greek Dec 1  
No signal from Voice of Greece on 9420 kHz at 0515UT Dec.01.  
<http://swldxbulgaria.blogspot.bg/2015/12/voice-of-greece-is-again-on-shortwave.html>  
73! (Ivo Ivanov, Sofia, Bulgaria, Equipment: Sony ICF-2001D, dxldyg via DX LISTENING DIGEST)

Heard on a Tecsun PL-600 with whip antenna, beautiful reception at  
0445 UT on 9420, the Voice of Greece (Jon Collins, Birmingham UK, Dec  
1, DX LISTENING DIGEST)

Shortwave transmissions from Greece on Dec 2:  
from 1300 on 9420\*AVL 170 kW / 323 deg to WeEu Greek#  
# relay ERT 1 Proto Programa, insread of VOGreece  
\* strong co-ch China National Radio 13 in Uyghur.  
No signal from Greece on 9420 kHz around 1545 UT.  
<http://swldxbulgaria.blogspot.bg/2015/12/shortwave-transmissions-from-greece-on.html>  
73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Dec 1-2, dxldyg via DXLD)

Dr. Gazidellis must be one of the new employees at ERT considering his  
statement that Voice of Greece never had QSL cards. VOG was one of the  
best verifiers in the past sending out very nice QSL cards. I have  
many of those cards in my QSL collection (Christos Rigas, Wood Dale,  
Illinois, DXLD 15-47 via WORLD OF RADIO 1802)

What is the email to send reception reports? Inviato dal mio  
dispositivo Huawei (Dario Gabrielli, Italy, DXLD 15-47)

dgazidellis@ert.gr would be the person I heard from about my QSL  
(Paul Walker, ibid., WORLD OF RADIO 1802)

ERT latest schedule and QSL verifications

Today I received a confirmation letter from Dr. Dimitris K.  
Gazidellis, Head of Network Development & Operation ERT S.A. He wrote:  
"Dear Mr. Napolitano, Thank you for your reception reports. I can  
confirm your reception as absolutely correct. I am also including the  
current time schedule, which is as follows:

Greek	Days	Area	kHz
2200-0900	daily	Eu,Am	9420avl
0500-0700	daily	Af	11645avl
2200-0900	daily	Eu,Am	9935avl

All the above mentioned transmissions are from ERT's SW transmission

site in AVLIDA (Athens region). ERT SA is the Hellenic Public Broadcaster".

I sent him a second E-mail about QSLs (I suggested to add in his letter basic details about reception reports like date, time and frequency of reception) future of short news bulletins in foreign languages (which are not mentioned in his letter), including Italian and the reason why they don't use anymore the name "Voice of Greece".

Here is his reply: "Dear Mr Napolitano, Thank you for your suggestions, we might try an "electronic" QSL in the future. For the rest of the topics you are referring to, I will forward your mail to the people in charge of such matters. I added the required confirmation to the attached letter" (Antonello Napolitano, Taranto-South of Italy, Nov 28, dxldyg via WORLD OF RADIO 1802, DX LISTENING DIGEST)

Sorry, but Dr Gazidellis doesn't know what he is talking about. 9935 and 11645 have not been heard for several weeks; only on 9420 and then only sporadically and unpredictably. Format of the schedule quoted shows it has been copied from old WRTH info (Glenn Hauser, DX LISTENING DIGEST)

I haven't heard 9935 since August:  
Voice of Greece 0344 8 Aug 2015

9935, 0340 8 AUG - VOICE OF GREECE (GREECE) in GREEK from AVLIS. SINPO = 23221. ?Greek?, guitar music w/sometimes male, sometimes...

And I haven't heard 11645 since June:  
Helliniki Radiophonia 0551 19 Jun 2015  
11645 0544 19 JUN - HELLINIKI RADIOPHONIA (GREECE) in GREEK from AVLIS. SINPO = 14121. language?, barely audible. male announcer. sf137....

But I haven't even heard 9420 in awhile, since I moved QTH. I just assumed they moved to a different schedule for B15 and I haven't found them yet, but who knows:  
<http://swldx.tumblr.com/search/9420Khz>  
(Rodney Johnson, NV, ibid.)

\*\* GUANTANAMO BAY. From Flamingo, FL --- 1340 NPR??? Hey, we were at Flamingo FL yesterday. Beautiful day I must say --- brief rain for about 10 minutes but it was gone quickly.

At 2205 UT I was totally surprised to hear news, and then a female voice saying something like "This is news from NPR." Was hoping for a 5-after ID, but it kept going, then maybe a fade, then into some

interview --- I am assuming it was "All Things Considered."

The only possibilities I would think, would be WSTA in the USVI or the AFN at Guantánamo Bay. With WSTA's website listing no NPR programming (not to mention WVGN FM covering NPR there anyway), that leaves the AFN, which I see listed as 500 watts, on a graveyard frequency.

Unfortunately this was just after skywave kicked in --- so it would not be an all-day deal. Not to mention, that R Ciudad del Mar in Cuba hogs 1340 & 1350 there. Also, I have an mp3 but that would not help.

Hope it was AFN! I plan to try, try again in a week or so, and maybe getting 1340 ready by 2100 UT. BTW I e-mailed AFN HQ and hope to hear from them. cd (Chris Dunne, Pembroke Pines FL, Nov 28, WTFDA Forum via DXLD)

WOUB in Athens OH is also NPR, but that seems a good distance from you. When cx are auroral and we up north are getting FL and such on GYers, are you folks down there ever getting anything reciprocal up our way? (Saul Chernos, Burnt River ON, Nov 30, *ibid.*)

^ Not really. At that time of the day, the main targets are to my east (if anything) and southeast. 5 minutes before the 1340 was 1160 Caribbean R Lighthouse in Antigua. Some Venezuelans come in as well (much much better than at my home 90 miles north-northeast), and PR as well. I pretty much leave when skywave really kicks in --- I like to hear some AM stations as DX "by themselves." I have uploaded quite a few AM DX catches on YouTube in the last month, at <http://www.youtube.com/user/cd637299>

I'm only doing AM DX as there has been a dearth of FM/TV DX\* for the last month or 2 --- need my fix! cd (Chris Dunne, *ibid.*)

\*\* GUATEMALA. 4055.0, Dec 1 at 0140, R. Verdad, preacher in Spanish quoting Apocalipsis XIV:11; S9+20 with no ACI. Dr Madrid tells me they are involved in a project to set up relays of TGAV around the world on frequencies with a few kHz of 4055. That will be interesting: In such an isolated part of the spectrum, it could work without being squeezed by other broadcasters, but the concern is interfering with itself (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* HONDURAS. 3340 kHz, Radio Misiones Internacional, Comayagüela, Onda Tropical, año 2009. Via <http://www.mcdxt.it/>  
<https://www.youtube.com/watch?v=EcUNAXS305k&feature=youtu.be>  
(via Daniel Wylllys, Brasil, Hard-Core-DX mailing list via DXLD)

\*\* INDIA. AIR CONTINUES EXPERIMENTS WITH DRM; FIRST INDIA-MADE SET GOES ON SALE ON AMAZON INDIA InShare RnMTeam | 28 Nov 2015

<http://www.radioandmusic.com/biz/radio/air/151128-air-continues-experiments-drm-first-india-made-set-goes>

Even as Prasar Bharati Chief Executive Officer Jawhar Sircar feels there is need to promote FM, which is a terrestrial technology since affordable digital sets are not available, All India Radio (AIR) continues to experiment with DRM in different parts of the country. [...]

AIR Panaji - 1297 KHz - 100 KW ñ is broadcasting on both analogue and DRM mode in nearby frequencies: analogue frequency: 1287 kHz whereas the simulcast DRM Frequency was 1297 kHz.

AIR Mumbai is testing in DRM mode on 1044 kHz and the Asmita channel is available as simulcast on DRM mode at 568 kHz (558 kHz, Analogue).

AIR Jabalpur is also commencing DRM tests next month while AIR Bengaluru DRM [short wave] transmission was clearly heard in Russia.

Radio Kashmir in AIR Jammu earlier this month started simulcast transmission of its primary service programmes with AM on 990 kHz & DRM on 1000 kHz. AIR Jammu commenced with a discussion on what DRM means to a radio listener, in which DDG (Engineering) Radio Kashmir, Jammu K.K.Singh along with Shailesh Raina explained DRM.

Amazon India has for the first time commenced sale of DRM sets on its Mobile App. The set is made in India by Communications System Inc (Avion) which is the first company in India to manufacture a DRM receiver, one of the world's largest radio digitisation rolls out countrywide. The DRM digital radio receiver AV-DR-1401 is now available on Amazon India.

The receiver offers the full set of features including:

DRM/AM/FM Stereo Reception; MW/SW/FM Bands; DRM Journaline Data; DRM Scrolling Text; DRM Program Recording; Auto Scan and Manual Tuning; DRM Emergency Warning; Unicode Character Support; 100 Station Memory; Music/Photos playback from Micro SD Card; Multiple Language Support; Realtime Clock; MOT Slideshow; Service Mode; DRM AFS and Battery Indicator (via Dr Hansjoerg Biener, Germany, Nov 30, DXLD)

\*\* INDIA [non-log]. 4850, AIR Kohima. In past years, on Dec 1, they carried special coverage of the anniversary celebration of Nagaland Legislative Assembly and also their major Hornbill Festival, but was rather disappointed on Dec 1 & 2 (1300-1400) to only hear Xinjiang PBS. It's still possible AIR may broadcast sometime this week or next, as the festival runs till Dec 10.

<http://www.hornbillfestival.com/> (Ron Howard, Asilomar State Beach,

CA, EtŪn E1, antenna: 100' long  
wire, dxldyg via WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* INDIA. 15040-DRM, AIR, Bengaluru. Chinese and Tibetan both here on separate streams. Very patchy 1148, SNR to 12.0 dB, 18/11 (Craig Seager, VK2HBT, Bathurst NSW (Perseus SDR, Icom IC-746, Murphy B40C, Loop Skywire, LZ2AQ Amplified Loop, G5RV Jnr, Hustler 5-BTV Vertical, KIWA Preamp), Dec Australian DX News via DXLD)

\*\* INDIA. The special broadcast of "Mann Ki Baat" program by Hon"ble Prime Minister of India Shri. Narendra Modi was monitored yesterday 29 Nov 2015 at 0530-0600 UT on the following additional frequencies:

9870 Bengaluru, 9940 Delhi, 11850 Delhi?, 17715 Delhi

(The above frequencies are off at this time normally)

This program is relayed by all stations of AIR on all its channels.

<http://pmonradio.nic.in/>

Yours sincerely, (Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India, Nov 29, dx\_india yg via DXLD)

\*\* INDIA [and non]. 6145.02, Dec 1 at 0156, RRI ROMANIA is wrapping up English hour to NAM, Goodbye, and IS, with QRM from S Asian music station under making fast SAH. 0157\* RRI off, uncovering this, runs past 0200 with no break. HFCC shows it's AIR Urdu service at 0000-0430, 250 kW, 282 degrees from Aligarh (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* INDIA. 9445, All India Radio; 2115, 24-Nov; W in English with "Hindustani clascal music"; ID at 2118. SIO=453 and by far the best of the listed //s; // 9950 SIO=3+52, // 11620 weak; // 11670 well under RHC (presumed) in French; listed // 7570 covered by WRMI(presumed) in Italian; zilch on listed //s 9910 and 11740 (Harold Frodge, Midland MI, USA, Drake R8B + 125 ft. bow-tie; 60 ft. RW & 185 ft. center-fed RW, All logged by my ears, on my receiver, in real time! DX LISTENING DIGEST)

\*\* INDONESIA. 4749.945 approx., Nov 26 at 1334, Indonesian music, poor, announcement including bits of singing in the studio. So RRI Makassar is back; Ron Howard had found it missing a couple of days recently. Wolfgang B,schel measured it on 4749.943, and I won't quibble with that. Alone now, but at 1258 there was a LAH from one or two other stations closer to 4750.0 = Bangladesh, China.

4869.96, Nov 26 at 1332, VP signal from algo. Could be RRI Wamena, as Makassar is in on 4749+, or would it be AIR Nepali service via Delhi-Kingsway? Wamena had been reported lower, on 4869.914, by Ron on Nov 14, citing Wolfy's recent measurement.

3905.0, Nov 26 at 1342, JBA S4 signal with song, presumably RRI



Merauke, recently put on 3904.981 by Wolfy and Ron, but I don't get it measured any more precisely. At least not much QRHAM at the moment. Much weaker than the JOZs on 3925, 3945 (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST)

[frequencies presumably as above] Nov 25, noted RRI Merauke going off at 1502\*, after playing "Pulau Ambon" (Island of Ambon)/Love Ambon; almost fair reception. Nov 26, at 1219, ending the Jakarta news with patriotic song "Bagimu Negeri"; // RRI Makassar.

Nov 26, RRI Makassar, at 1219, ending the Jakarta news with patriotic song "Bagimu Negeri"; // RRI Merauke (Ron Howard, Calif., dxldyg via WORLD OF RADIO 1802, DX LISTENING DIGEST)

3905.0 kHz, RRI Merauke, 11/27, 1212-1230, man and woman alternating in Indonesian. Just before 1217, mention of 'Radio Republic Indonesia.' For rest of the time, brief musical pieces with talk between. Fair signal with some ham QRM, occasional strong het from a ham tuning up on the frequency; largely covered by ham QRM at 1230. Best signal so far this year, despite (or because of?) the geomagnetic K-index having jumped a bit overnight (Art Delibert, North Bethesda, MD, JRC NRD 545, Wellbrook loop, Hard-Core-DX mailing list via WORLD OF RADIO 1802, DXLD)

\*\* IRAN [and non]. 9445, Nov 29 at 0129, report from Venezuela in Spanish, from VRII, fair. This is 310 degrees from Kamalabad at 0020-0220. I see in HFCC that Madagascar World Voice plans to cross beams with this at 0100-0200 in English if it gets on the air before B-15 is over. At other times, 9445 reserved by the imaginary KTMi.

5920, Nov 29 at 1325, Qur'an with long pauses at S6. VIRI has just started its 3-hour Kurdish service, 500 kW, supposedly non-direxional from Kamalabad. Always neat to hear Iran on 50m at this time of day, by grayline: 1320 sunset today at Tehran, close enough to Kamalabad; 1323 Enid sunrise, so may well be short-path.

BTW, someone remarked that Qur'an is not ``musical`` --- on the contrary, it's totally musical and recitations can be enjoyed pro-arte by those not burdened by the baggage of belief, nor even Arabic ability. What he meant was never instrumental accompaniment, but a cappella, if you'll pardon the expression. And ladies need not apply.

9585, Nov 30 at 1414, suptorted Japanese, i.e. VIRI Sirjan, 1320-1420 (Glenn Hauser, OK, DX LISTENING DIGEST)

Amigos DX: Desde las 19 UT, en los 6061.6 kHz est. Voz de Ir.n en .rabe. SINPO: 33412. 73! (ALFREDO CA-OTE, Lima, Per', 1937 UT Dec 1, condiglista yg via DXLD) And you are hearing it that early, 2 pm

local? (gh, DXLD)

6061.60, Dec 2 at 0122, JBA carrier detectable on NRD-545 in heavy  
6060 Cuba splash, no doubt the off-frequency Zahedan transmitter as  
scheduled on 6060 itself in Arabic (Glenn Hauser, OK DX LISTENING  
DIGEST)

\*\* IRAN [non]. Good reception of Radio Ranginkaman/Rainbow via BaBcoCk  
on November 30:

1700-1730 on 7460 SCB 100 kW / 090 deg to WeAs Farsi Mon/Fri + BVB  
Farsi on 11600 SCB

1700-1730 on 7550 TAC 100 kW / 236 deg to WeAs Farsi Mon/Fri, 35 sec  
earlier of 7550:

<http://swldxbulgaria.blogspot.bg/2015/12/good-reception-of-radio.html>  
73! (Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

\*\* IRELAND [and non]. 3413-USB, Nov 29 at 0141 YL with fight weather,  
Britishish accent, very poor S6 vs noise level, and can't copy  
locations mentioned, but seems usual mix of English and metric units:  
ceilings in feet, visibilities in km, temps and dewpoints Celsius,  
winds in knots, altimeter/barometer in millibars; finally ``Shannon  
VOLMET`` ID twice at 0145. EiBi shows this frequency runs from 18 to  
12 UT, but also usable by San Francisco for 2-way, 24 hours.

3413-USB, Dec 2 at 0627, weak VOLMET would be Shannon, but QRM from  
selcall tones, i.e. San Francisco which has the same frequency for 2-  
way aero comms. Looked for Shannon on 5 MHz band, but landed on 5450  
RAF instead. Uplooked later in EiBi, I should have tried 5505-USB for  
Shannon (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* ITALY. RADIO LATINO Date: 01/12/2015 16:18:42

Subject: Re: [New post] Now Testing 7630!

Now Testing 7630! by Radio Latino

Radio Latino | December 1, 2015 at 4:18 pm | Categories: SHORTWAVE

RADIO | URL: <http://wp.me/p5NFyi-64>

Trouble clicking? Copy and paste this URL into your browser:

<https://rebelderadio.wordpress.com/2015/12/01/now-testing-7630/>

(via Manuel MÈndez, Lugo, Spain, 1518 UT Dec 1, dxldyg via DX  
LISTENING DIGEST)

ITALY, 7630, Radio Latino, 1533-1545, 01-12, now on air with pop and  
Latin American songs. Weak. 14321 (MÈndez, ibid.)

Weak signal also at my qth in Finland, just occasional audio bits. I  
wonder if it was Edith Piaf song around 1550 UT. Lots of local noise  
here. 73, (Jari Savolainen, Finland, ibid.)

\*\* ITALY. 11390, Marconi Radio International. 22/11 at 1110 with music

from Chaikovski & DX program in English at 1220. Their output is much more than registered 300 watts (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant own made), Dec Australian DX News via DXLD) Registered? where? It's 30 watts, they keep saying in press releases (gh, DXLD)

11390, 28/11 1400, Marconi R. Int., Italian DX News, sufficient (Roberto Pavanello, Vercelli / Italia, bclnews.it yg via DXLD)

Poor signal of Marconi Radio International, Nov 29  
0900-1300 on 11389.7 ??? .03 kW / non-dir to WeEu It/En/Sp  
<http://swldxbulgaria.blogspot.bg/2015/11/poor-signal-of-marconi-radio.html>  
-- 73! (Ivo Ivanov, B'lgariya, dxldyg via DX LISTENING DIGEST)

\*\* ITALY [non]. SECRETLAND, IRRS Shortwave relay Radio City via Secretbrod:  
0903-1002 on 9510 SCB 100 kW / 306 deg to WeEu German Sat Nov.21  
[http://swldxbulgaria.blogspot.bg/2015/11/irrs-shortwave-relay-radio-city-via\\_29.html](http://swldxbulgaria.blogspot.bg/2015/11/irrs-shortwave-relay-radio-city-via_29.html)

IRRS Shortwave relay R. Warra Wangeelaa via Secretbrod, Nov 28  
1500-1530 15515 SCB 050 kW / 195 deg EaAf Oromo Sat, as scheduled B-15  
2000-2001 7290 SCB 100 kW / 306 deg WeEu Oromo Sat, unscheduled,  
videos:  
[http://swldxbulgaria.blogspot.bg/2015/11/irrs-shortwave-relay-rwarra-wangeelaa\\_29.html](http://swldxbulgaria.blogspot.bg/2015/11/irrs-shortwave-relay-rwarra-wangeelaa_29.html)

SPL Secretbrod relay Feature Story News & United Nations Radio  
1900-1930 7290 SCB 100 kW / 306 deg WeEu English Sat Feature Story  
News &  
1930-2000 7290 SCB 100 kW / 306 deg WeEu English Sat United Nations  
Radio  
<http://swldxbulgaria.blogspot.bg/2015/11/spl-secretbrod-relay-irrs-feature-story.html>  
73! (Ivo Ivanov, Nov 28, dxldyg via DX LISTENING DIGEST)

Don't FSN and UNR also come via IRRS? (gh, DXLD)

\*\* JAPAN. 3945, Nov 26 at 1340 tune-in, ``You're listening to --- RN2``, and rock music, while 3925 RN1 is speaking Japanese (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST)

6115, Radio Nikkei Two at 0555 playing Western pop tunes, including iYou Canit Hurry Loveî, 0559 English ID iYouîre listening to R-N-2.î, followed by woman in Japanese. - Poor, Nov 30 (Harold Sellers, BC, Editor of World English Survey and Target Listening, available at <http://www.odxa.on.ca> dxldyg via WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* JAPAN. NHK Radio Japan in English recorded in Europe at 1800 UT on December 1, 2015, shortwave frequency of 11800 kHz (transmitter site: Meyerton, South Africa; transmitter power: 250 kW). Recording made using Twente web receiver located in the Netherlands.  
via The Shortwave Radio Audio Archive <http://ift.tt/1Rkabe5>  
IFTTT --- Put the internet to work for you (Charles Harlich, Dec 1, DX LISTENING DIGEST)

\*\* KASHMIR. PPT on Radio Kashmir, Jammu is in the following link:  
<https://drive.google.com/file/d/0BzwMmCXakWeSbGdvUnB5RjFjSjNXZy1HVm5mRzI1VWxhS2tV/view?pli=1>

Contact details of AIR & Doordarshan stations & offices are in:  
<http://apps.air.org.in/prasarnet/pbsis/contacts.aspx>

Yours sincerely, (Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India Mobile: +91 94416 96043,  
<http://www.qsl.net/vu2jos> Dec 2, dx\_india yg via DXLD)

I have no idea what PPT means, but the first link goes to a collection of newspaper clippings with lots of illustrations about R. Kashmir. O, I guess it mean powerpoint, but not really (gh, DXLD)

\*\* KOREA NORTH. Voice of Korea, North Korea's international shortwave broadcasting station, adjusted its transmission schedule on October 25 for the winter 2015 and spring 2016 seasons. The broadcasts follow the same basic line-up each day:

:00 Opening signal, station identification: iThis is Voice of Koreaî

:01 National Anthem

:03 Song of General Kim Il Sung

:06 Song of General Kim Jong Il

:09 News, editorials (approx 15 minutes, but can be extended to full broadcast), followed by music

:30 Reminiscences of Great Leader President Kim Il Sung of the century

:40 Music and features

:50 Editorial, special message (occasional)

:55 Frequency information

:57 Close

(Arnulf Pointek [sic], North Korea Tech, Dec Australian DX News via DXLD) North Korea Tech is not Arnulf's site but Martyn Williams' (gh)

\*\* KOREA NORTH. 9435, VoK, Kujang. The usual martial music in the English service at 1055 --- at least I think it was English. The female announcer appeared to have a mouthful of marbles while she was giving us a few words of wisdom from the kid president and then the

title of the next song. Honestly, this station is a waste of electrons! 7/11 (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Double Bazooka antennas for 80 and 40 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU, Dec Australian DX News via DXLD)

Now, now, someone may accuse you of being stuck in the cold-war era for not entertaining Juche thought open-mindedly (gh, DXLD)

\*\* KOREA NORTH. D.P.R., 9444.986, odd frequency from Kujang-KRE site, surprisingly odd frequency of VOK English at 0712 UT on Nov 27. Probably deep icing winter temperature in Korea, hit the main power net, maybe electric voltage is unstable, or icing on the curtain antennas? S=7 in remote NJ-US target.

Despite domestic KCBS Korean service from Kanggye site is on exact even 9665.0 kHz at 0720 UT Nov 27 (Wolfgang B,schel, wwdxc BC-DX TopNews Nov 27, dxldyg via DXLD)

\*\* KOREA NORTH [non]. JAPAN(non), Good signal of Shiokaze, Sea Breeze in English, Nov 26:  
1300-1400 on 5985 YAM 300 kW / 280 deg to NEAs, ex 7400 English Thu  
1600-1700 NF 5910 YAM 300 kW / 280 deg to NEAs, ex 5990 English Thu  
<http://swldxbulgaria.blogspot.bg/2015/11/good-signal-of-shiokaze-sea-breeze-in.html>  
(Ivo Ivanov, Sofia, Bulgaria, Nov 26, dxldyg via DX LISTENING DIGEST)

\*\* KOREA. Re: ``3276.9, Random Numbers station (spy station), 1341\*, Nov 9. YL with numbers in Korean; seemingly a regular station here now (Ron Howard, San Francisco at Ocean Beach, CA, E1 & CR-1, dxldyg via DX LISTENING DIGEST)``

Was interested to find I was quoted (item 3.3) at a Korean website and informing that I heard "The Parrot," on 3276.9:  
<https://namu.wiki/w/%EB%82%9C%EC%88%98%EB%B0%A9%EC%86%A1#toc>  
(Ron Howard, CA, Dec 2, dxldyg via WORLD OF RADIO 1802, DX LISTENING DIGEST)

Another item we can't read connects 4900, 5715, 6215 as V24 (gh)

\*\* KOREA SOUTH KOREA. Poor reception of S Korean Numbers Station V24 on Nov 25  
1650-2020 on 6215 only music, unknown transmitter site via South Korea  
<http://swldxbulgaria.blogspot.bg/2015/11/south-korea-poor-reception-of-sokorean.html>  
(DX RE MIX NEWS #928 from Georgi Bancov and Ivo Ivanov, Nov 30, 2015 via DXLD)

UNIDENTIFIED. (Korea?)[non-log], 4900 & 6215, from 1130 and subsequent checking till 1215, on Nov 27, did not hear the non-stop music loop. Has UNID finished testing already? (Ron Howard, San Francisco at Ocean Beach, CA, CR-1, dxldyg via WORLD OF RADIO 1802, DX LISTENING DIGEST)

4900, Nov 28 circa 1330, again today nothing from the musical spy numbers [non] station; was heard Nov 26, not 27. Wolfgang B,schel suggests it might instead have been KBS World Radio testing some new equipment (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST) See UNIDENTIFIED for previous reports

\*\* KOREA SOUTH. KOREA REPUBLIC OF, In the period from October 1 to December 10 rebuilt action at Kimjae broadcast center in Korea. Maybe, is there a link to the shortwave tests in 60 and 49 meterband, in the Korean language? On the frequency of Kimjae 250 kW 305 degrees. Gimje location 35 49 16.89 N 126 51 52.40 E  
<<http://www.flashearth.com/?lat=35.821358&lon=126.864556&z=17.2&r=0&src=arc>>  
wb (Wolfgang B,schel, dxldyg via WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* KOREA SOUTH. 6015, KBS Hanminjok Bangsong 1, from 1000 to 1100, Nov 28. Usual hour long program ("Pops Freedom"); mostly in Korean, but with English IDs and segment with English language lesson; hosted by Kwak Young Il, a broadcaster who holds a PhD in English; playing pop songs (Todd Rundgren "Hello Its Me," Chubby Checker "The Twist," etc.); 1011 "Pops Freedom Everyday English"; "Wow, they called off the wedding after a fight"; 1018-1045 playing hit song "Open Arms" and different versions of it and adding commentary about the song; the ever present white noise jamming from N. Korea was present, but KBS was coming through fairly well; one of KBS's more enjoyable shows.

Website: <http://www.kbs.co.kr/radio/scr/popsfreedom/program/index.html>

<https://app.box.com/s/6csq7upcgik8wf9m6ca27kc5grg3u3ma>  
contains a recording I made in the past, with clear IDs (Ron Howard, San Francisco at Ocean Beach, CA, CR-1, dxldyg via DX LISTENING DIGEST)

\*\* KOREA SOUTH [non]. KBS World Radio via BaBcoCk and TDF txs, Nov 26  
2000-2100 on 3955 WOF 250 kW / 114 deg to WeEu German  
2000-2100 on 9840 DHA 250 kW / 285 deg to NEAf Arabic  
2000-2100 on 5950 ISS 250 kW / 182 deg to NWAf French  
<http://swldxbulgaria.blogspot.bg/2015/11/kbs-world-radio-via-babcock-and-tdf-txs.html>  
(Ivo Ivanov, Sofia, Bulgaria, Nov 26, dxldyg via DX LISTENING DIGEST)

\*\* KURDISTAN [non]. 9400, Nov 30 at 1425-1500, fair but clear signal from Denge Kurdistane during Kurdish music concert. Ivo Ivanov indicates the France transmitter site is no longer in use, but now: 04-08 & 12-15 PRIDNESTROVYE; 08-12 Armenia, 15-17 Bulgaria; so not on after 1700 at all? (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* LIBERIA. VP BOAKAI LAUNCHES WOMEN RADIO PROJECT  
Published: Thursday, 26 November 2015 01:29

The Vice President Joseph N. Boakai, has launched a women radio project at the Monrovia City Hall, with a reminder that women have a major role to play in the society. According to the Vice President, the radio project will help young women and girls to understand how to live and work together in society with their male counterparts, adding that the Government will support the effort of the women's talk show.

..  
<http://www.thenewdawnliberia.com/news/8932-vp-boakai-launches-women-radio-project>  
(via Mike Cooper, DXLD)

\*\* MADAGASCAR. 5010.6 kHz - R. Madagasikara, Antananarivo, Madagascar.  
On Nov 25, 2015 at 1903 UT in the Malagasy language.  
<https://www.youtube.com/watch?v=UM6grSz6BQo>  
Rob Wagner (via Daniel Wyllyans, Hard-Core-DX mailing list via DXLD)

\*\* MALI. CHINA(non), Wrong frequency of China Radio International on December 1:  
1600-1607 17630 BK0 100 kW / 085 deg to CEAF Arabic, instead of 15125  
1607-1657 15125 BK0 100 kW / 085 deg to CEAF Arabic as scheduled B-15  
<http://swldxbulgaria.blogspot.bg/2015/12/wrong-frequency-of-china-radio.html>  
73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Dec 1-2, dxldyg via DXLD)

\*\* MEXICO. The 23rd of November was a real inoche mejicanai for me. I never heard so many Mexicans on one morning. Henrik Klemetz und Mauricio Molano helped me with identifications and information: Many thanks!! Reception was around 0700 UT:  
1250, XEDK Guadalajara JL  
1350, XECAH La Popular, Cacahoat·n CS  
1350, XEQK Tropicalisima, MÈxico DF  
1380, XECO La Rom·ntica, MÈxico DF  
1410, XEBS la M·s Perrona, MÈxico DF  
1470, XEAI Radio FÔrmula, MÈxico DF  
1590, XEVOZ La Mexicana, MÈxico DF  
1650, XEARZ Zer Radio, MÈxico DF

I had many contacts with XECAH; they sent me a nice QSL and also they have mentioned my reception on their website:  
<<http://www.imer.mx/lapopular/la-popular-se-escucha-en-holanda/>>

73 (Max van Arnhem, The Netherlands, Nov 27, MWCircle yg via DXLD)

\*\* MEXICO. XECL-990 Mexicali --- A couple nights ago I heard XECL using their old slogan "Rockola 9-90". Anyone in San Diego area hearing this too? (Martin Foltz, Mission Viejo CA, Nov 30, ABDX via DXLD)

Yes, in fact they reverted to it very quickly. They were already back to that slogan by the end of my weekend at the Border Inn. I'm hearing it on the recordings I'm reviewing. 73 (Tim Hall, Sent from my BlackBerry 10 smartphone, ibid.)

So what was its new slogan in the meantime? I missed that (gh, DXLD)

I heard some music there a cupla times and couldn't catch ID - I wondered if they were "back". I loved their music mix in the past and hope they have gone back to that. they would play oldies, but also cover songs done by Mexican bands in Spanish; you haven't lived until uv hrd The Troggs' "Wild Thing" - en Espa0ol, and etc. (Rick Barton, AZ, ABDX via DXLD)

\*\* MEXICO. 1140, Dec 1 at 0210, full ID from XEMR claiming 50 kW todo el día, ending with ``Manantial`` as in spring, source of salvation. Dominant signal, into hymn. It usually is atop, belying its alleged tangent-southwestward from Monterrey NL circle at night in NRC Pattern Book, vs daytime non-direxional. Mexican conditions may be above average, with bigsig from 1570 XERF, 1050 XEG, 990 XET (but not 1220 XEB --- see USA: KZEE log) (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* MEXICO. [Re 15-47, XEPZ 1190 Ju·rez:] GRM's agreement to operate two Radiorama FMs terminated and the result was a massive format shuffle on most of GRM's stations (XHEPR went from Radio Centro to Planeta, XHEM from Planeta to La Z, and there were changes on AM such as this one) and Radiorama installing its own formats on XHIM and XHNZ.

GRM does maintain an El Paso facility, at 2100 Trawood Drive. Their US subsidiary is also known as Southern Radio, which apparently also has some sort of connection to KXOS's ad sales (another example of GRM-GRC synergy).(Raymie Humbert, AZ, Nov 26, WTFDA Forum via DXLD)

\*\* MEXICO. SALDR; AL AIRE NUEVA EMISORA EN IDIOMA N;HUALT [sic] by gruporadioescuchaargentino

Habitantes de Tlaxcalancingo y Zacatepec, entregaron el pago al Instituto Federal de Telecomunicaciones, requisito que permite empezar el trámite para instalar una frecuencia de radio indígena en la región cholulteca y zonas conurbanas.



Las emisoras comunitarias Radio Zacatepec y Axocotzin Radio en San Bernardino Tlaxcalancingo, --- allanadas en 2014 luego de su cobertura en la informaci n de proyectos energ ticos y despojos en la zona --- se unieron para lograr una sola voz que tendr  el nombre de radio Cholollan, vocablo n hualt [sic] y nombre originario del territorio cholulteca. En el cuadrante de FM, en menos de un a o, podr  sintonizarse la radio comunitaria que estar  ubicada en el pueblo de San Bernardino Tlaxcalancingo, municipio de San Andr s Cholula. De lograrse la concesi n para Cholollan, ser  inaugurada la segunda radio comunitaria ind gena en el estado, luego de la XHPXA Radio Xalli 97.9 con domicilio en San Miguel Xaltepec, Palmar de Bravo, que hasta ahora es la  nica que cuenta con el car cter de una radio comunitaria, aunque la emisora no tiene alcance a la regi n Cholulteca e Izta-Popo (via GRA blog via DXLD)

Looks like the original article consistently misspells the most significant word in the story: it's NAHUATL, not Nahualt! Such a combo of consonants is anathema to Spanish, but there are many Nahuatl names even starting with TL- in Mexico as above (Glenn Hauser, DXLD)

\*\* MEXICO. RAYMIE'S MEXICO BEAT this week ---

Coming soon to a website near you --- Mexico! I've blown out & regenerated my Mexican data. I started with the IFT Infraestructura de Estaciones de Televisi n, dated August 14th.

Through a combination of ACESLI\* data from IFT, ground elevation data from Google Earth, and a HAAT calculator with worldwide database on the FCC website, I'm able to estimate the HAAT of the Mexican transmitters.

Some of these coordinates are fishy. The process of pulling the ground elevation data has shown me satellite photos of every TV transmitter site in Mexico (one in Baja California is only a few dozen meters from the border).

Many of them show obvious towers. Many come up with coordinates \*near\*, but not quite at, obvious towers. Some come up at high elevations & along roads, but no tower appears to be present. Some show up in city areas -- sometimes with an obvious tower present, often not. Some come up in the middle of nowhere. One station's coordinates plot to the middle of a large river; I'm not sure what's going on with this. If the coordinates are fishy, the HAAT estimate will be as well.

I've also used the PDF links Raymie posted to the grants for various shadows. I've only used the ones where a PDF is available as I haven't

had enough data to do otherwise. This means a LOT of shadows are missing. Many shadows come up with a "-TDT-1" suffix on their call signs. The -1 is an addition on my part to keep the data happy. (having more than one station with the same call letters is difficult) I may be missing a few where the same station has more than one shadow. Working on that. The programming sources on shadows are missing, that too I'm working on.

Finally, I'm aware there are issues with the mapping. Google changed the way links to their maps work. Someday I'll figure out how to work around it. Time for coding is scarce. It will take a couple of days for everything to percolate in. Hope this all helps!

\*I don't know what ACESLI stands for. In context it appears to be the height of the transmitting antenna above ground (Doug Smith W9WI, Pleasant View, TN EM66, <http://www.w9wi.com>, Nov 27, Raymie's Mexico Beat, WTFDA Forum via DXLD)

Altura del Centro Eléctrico Sobre el Lugar de Instalación. It's exactly what you think it is.

I really think we're going to get a table update soon. BTW I'm not posting links to EVERY SINGLE SHADOW. A bunch more are in the RPC. Lots of low, low ERPs. XHPTP and XHGEM between them have 27 shadows. There generally seems to be better information for Azteca now.

The FCC also updated its data this month and is in parallel with the IFT for a lot of TV stations, including all the XHAW shadows.

There are some shadows that are on separate RF channels. XHFN and XHWX Guadalupe NL (17 and 19). XHCCG and XHMAS León (14 and 16). XHAW has two shadows on 26 and its Saltillo shadow on 51. XHPNW has four shadows on 33 in the Cinco Manantiales region which is its post-repacking channel. Shadow XHI-34 Guaymas has an exceptional intermittent authorization for its station (it is 34 analog-digital) and I believe it was built to allow conversion to digital on that RF. Also on 34 is shadow XHSBC Pala; the main station is currently authorized for 42.

Most shadows are being given the virtual channels of the old analog station in the area, not of their current parent station, so watch out for discrepancies in virtual channel.

For some reason, new shadows are being listed at the bottom of RPC document lists per station because someone turned "Modificaciones" into "Mofdicaciones".

One programming correction: XHMZE (Morelos) isn't the national Canal

22. It's a local station. It's kind of unbelievable to see it broadcasting in digital because it was at real risk of disappearing. (Raymie Humbert, Phúnix AZ, Nov 27, *ibid.*)

#### WHERE CALLSIGNS COME FROM

Time for a new recurring feature, Where Callsigns Come From, where I talk about those few Mexican stations with interesting callsigns.

Today's fine example is a permit wolf (semi-commercial station with a permit), XHROJ-FM 104.3 Canc'n.

<http://qfm.com.mx/>

This station is owned by Corporativo Quequi through Fundaci n Maya Canc'n, A.C. Neither the name of the civil association, nor Corporativo Quequi, get us close to ROJ.

The answer is actually in the RPC. It appears that the original applicant was represented by/controlled by a Sergio Rojano Sahab, who changed the callsign from the assigned XHFMC-FM about a month after getting the permit.

<http://rpc.ift.org.mx/rpc/pdfs/0902526480038939.pdf>

(XHFMC-FM quite obviously comes from the name of the civil association, as is common with permit stations licensed in the last decade.) So I had to look up who our Mr. Rojano Sahab is.

That led me to this:

[http://www.quequi.com.mx/2091\\_benito-juarez/1865603\\_sergio-rojano-abusivo-de-las-comunicaciones.html](http://www.quequi.com.mx/2091_benito-juarez/1865603_sergio-rojano-abusivo-de-las-comunicaciones.html)

"Sergio Rojano Sahab, who has dealt in radio communication equipment in 1970 and claims to be advisor to the Association of Independent Broadcasters of Mexico, scams, strips concessions and unfairly competes against small radio and TV companies." (Even more ironic? That article ran in Quequi newspaper. Which owns XHROJ.)

And this,

<https://www.lbagroup.com/blog/radiodifusores-independientes-de-mexico-se-reunen-con-el-presidente-lic-felipe-calderon/>

from 2011. He's on the left. On the right is a certain Felipe Calder n:

<http://forums.wtfda.org/attachment.php?attachmentid=18290&d=1448921971&thumb=1>

Click image for larger version. Name: sergio-rojano-felipe-calder.jpg

Views: 17 Size: 46.7 KB ID: 18290

There also is evidence to suggest that Grupo ACIR was somehow involved in Yaakun FM. The website was [yaakun.fm/cmai](http://yaakun.fm/cmai) (all ACIR websites have the CMAI ending) and there was a trademark for Yaakun 104.3 FM to

Radio ACIR, S.A. de C.V., available from IMPI (Mexico's USPTO).

It appears that Quequi took control of XHR0J on January 7, 2013, when Governor Roberto Borge Ingulo was present to ring in the new station.  
[http://www.quequi.com.mx/2084\\_portada/1880771\\_crece-aun-mas-el-corporativo-quequi.html](http://www.quequi.com.mx/2084_portada/1880771_crece-aun-mas-el-corporativo-quequi.html)  
The station had previously been known as Yaakun FM.  
<https://twitter.com/yaakunfm>

Wayback Machine snapshots of the listed website reveal that the station name was Mayan for "caring" and the format likely close to adult contemporary (Raymie Humbert, AZ, Nov 30, *ibid.*)

Wow, a document I've never seen before:  
[http://oncetv.ipn.mx/repetidoras/pdf\\_estaciones/XHCHI-TV%20CANAL%2020.pdf](http://oncetv.ipn.mx/repetidoras/pdf_estaciones/XHCHI-TV%20CANAL%2020.pdf)

This is the contract between the IPN and the state of Chihuahua that led to the establishment of XHCHI, XHCHD and XHCHU. It's wild!

Originally, not only was there to be a Juarez repeater (which couldn't happen due to spectrum not being available or they hadn't even decided on technical characteristics), the stations were all going to be on different channels: Chihuahua 22 at 281.83 kW (built 20), Delicias 8 at 6.32 kW (built 20) and Cuauhtémoc 13 at 36.9 kW (built 20).

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Meanwhile, in more important news, there has been a one-year extension to the apagón deadline of December 31...sort of...for public broadcasters.  
[http://ljz.mx/2015/12/01/avanza-prorroga-al-apagon-analogico/?utm\\_source=hootsuite](http://ljz.mx/2015/12/01/avanza-prorroga-al-apagon-analogico/?utm_source=hootsuite)

Public broadcasters that cannot change over by December 31 will be asked to tell the IFT ahead of time,  
<http://alacartarevista.com/2015/12/01/senado-aprueba-retraso-de-apagon-analogico/>  
and the IFT will allow them to be off the air until they return in digital.

Current stations, both public and commercial, will also be allowed to reduce their powers to 1 kW/10 kW to meet the low-power transition deadline.  
[http://www.milenio.com/politica/prorroga\\_apagon\\_televisoras\\_publicas-senado\\_apagon\\_analogico-IFT\\_apagon\\_analogico\\_0\\_637736642.html](http://www.milenio.com/politica/prorroga_apagon_televisoras_publicas-senado_apagon_analogico-IFT_apagon_analogico_0_637736642.html)

IFT President Gabriel Contreras has said that this will not impact the timeline for most stations in the rest of the country.  
[http://www.milenio.com/negocios/Apagon\\_analogico-plazo\\_para\\_apagon\\_analogico-ifetel\\_y\\_apagon\\_0\\_638336314.html](http://www.milenio.com/negocios/Apagon_analogico-plazo_para_apagon_analogico-ifetel_y_apagon_0_638336314.html)

This will mean that some shadows will be on the air in analog in 2016.

Get ready for a challenge!

[http://www.milenio.com/politica/apagon\\_televisoras-cambios\\_ley\\_telecomunicaciones-Senado\\_apagon\\_analogico\\_0\\_638336508.html](http://www.milenio.com/politica/apagon_televisoras-cambios_ley_telecomunicaciones-Senado_apagon_analogico_0_638336508.html)

Last edited by Raymie; 12-01-2015 at 09:18 PM (Raymie, Dec 1, ibid.)

Just what I needed: another time sink Took me a few minutes to figure out what the RPC was, but it took more time to figure out how to get it to open.. most of my machines don't support Flash but the RPC won't load without it. Frankly IMHO an example of web design meant to be flashy, not functional. Unfortunately hardly unusual In the process I watched the apag n PSA on the IFT website - interesting. Really, IMHO better done than most of the PSAs supporting the US conversion. Sure wish they'd post this data in a text format and not force us to read a few hundred PDFs.

I changed XHMZE to "IND". There's another error - somewhere I lost a field when transferring from text file into the database. Because I can assure you XHMZE isn't running negative 64 kilowatts of power, and they're not at 99 seconds north and 99 seconds west

Shadows go into my database as completely separate stations, so I can configure the virtual channels separately. I'm sure quite a few are wrong - I've been presuming they're using their own old analog channel but in some cases that's going to be wrong. I'm going to try to list all of them -- I don't have a low ERP cutoff. I do ignore FCC data on stations authorized by other administrations. They may be updating it to handle the upcoming repacking but I don't trust them to continue to update it once that's complete.

I'm going to have to add some code to my HTML-generation routines to do entity coding. City names with characters not in 7-bit ASCII (like Pala' and Cd. Acu a) are getting mangled. Same thing happens with Canadian stations but only a handful of places in Quebec. There's a LOT more of that in Mexico.

But it's a start. Your information is GREATLY appreciated! (Doug Smith W9WI, Pleasant View, TN EM66, <http://www.w9wi.com> Dec 1, ibid.)

Alright. I do understand your concern   it's a clunky format, but it's better than the nothing we used to have.

XHAW shadows use all 12.x (including Saltillo). Any XHOP\_\_ station (all of them are now operating, though the most recent 10 have just one sub) will not have PSIP to analog if it had one. XHTRES and certain state networks and public stations (Veracruz, Jalisco, Oaxaca, Aguascalientes, UANL Mty, XHUNES Durango which is operating but not in RPC) do not use PSIP and are even branding as their RF channels (Aguascalientes TV is now using a 26 logo).

I've also found some more digital authorizations for the Oaxaca state network. I update the Wikipedia tables based off the RPC, so those should be fine to use (I also list shadows that are some distance away from the station and/or those over 15 kW). XHSGX was authorized for six watts, and XHSMI for just two watts. That is not a misprint.

I'm going to warn you now: XHGEM has 21 shadows, and XHPTP has six more.

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Oh yes, and some of the concessions from back in July are now in the RPC!

Integración Mexicana con Visión en Zacatecas will build XHZAC-TDT on channel 20. (What a great callsign!) Its legal representative is PRI politician Adolfo Bonilla Gómez, who was deputy for Zacatecas in the 62nd Legislature (2012-15) and is now the state's economy secretary.

Fundación Cultural por Zacatecas will sign on channel 22, with callsign XHFZC-TDT. Its legal representative is José de Jesús Aguirre Campos, who also owns the NTR newspaper. NTR operates an online/cable station known as Canal 44.

Valores y Tradiciones de mi Tierra, A.C., will operate on channel 30 as XHZAE-TDT. The listed legal representative is Rodrigo Rodríguez Reyes. That makes me suspect that this is going to be connected to Grupo Radio Único ZER or like the permit stations he owns on FM. In 2011, he was the vice president of ZER.

<http://www.oem.com.mx/elsoldezacatecas/notas/n2028667.htm>

I get the feeling they'll change the calls to XHZER-TDT to match their powerhouse FM here.

We also got the concession information for XHUJAT-TDT in Villahermosa, including ERP and transmitter coordinates (unlike the others). But these three "social" stations are PERMIT WOLVES. That's all they are. It's like on radio. If you can't get a commercial station, just masquerade as a civil association and get a social use concession (or, prior to 2014, a permit). ZER does this a ton on radio, and now it's doing it on TV.

On FM, the new stations from this round are...

XHRUC-FM 105.7 Cd. Cuauhtémoc, from the UACH Campus Cuauhtémoc

[http://rpc.ift.org.mx/rpc/pdfs/030915-CONCESION\\_ESPECTRO.pdf](http://rpc.ift.org.mx/rpc/pdfs/030915-CONCESION_ESPECTRO.pdf)

XHRTC-FM 89.3 Campeche, Camp. [http://rpc.ift.org.mx/rpc/pdfs/140915-CONCESION\\_ESPECTRO.pdf](http://rpc.ift.org.mx/rpc/pdfs/140915-CONCESION_ESPECTRO.pdf)

(Raymie, Dec 2, *ibid.*)

Sorry, I was in a rant mode yesterday. Actually, I'm still in a rant

mode but tonight I spared you guys & yelled at my Congressmen.

I've found two stations with eight shadows. (and a recent \*analog\* shadow of XHGC on channel 6?) Found XHSGX, and another five-watt facility. Haven't found XHSMI yet, nor XHGEM. Such fun

ACESLI is a head slapper; if I'd actually paid attention to the PDFs in the RPC I'd have noticed the first letter of each word in that field. I know how to fix the non-7-bit-ASCII but won't be able to implement until the weekend.

But these three "social" stations are PERMIT WOLVES. That's all they are. It's like on radio. If you can't get a commercial station, just masquerade as a civil association and get a social use concession (or, prior to 2014, a permit). ZER does this a ton on radio, and now it's doing it on TV.

This too is not necessarily unheard of in the US. I have a station below 92 near here that, when I've traveled through the area, has been a 100% simulcast of a \*fully commercial\* AM station in the same city. (Yes, I know the difference between "underwriting" and a commercial.) Which really seems somewhat pointless as it seems to me it's possible to be financially successful while still being fully compliant with the rules.

I'm somewhat surprised nobody in the US has yet gotten wind of these five- and six-letter callsigns in Mexico & asked the FCC to change their call to "KTALK-FM" (Doug Smith W9WI, Pleasant View, TN EM66, Dec 2, *ibid.*)

2.839 kW for XHRTC-FM? With that ERP it'll cover only Campeche city. If state of Campeche government wanted to kill XETEB-AM, they did it.

Permit Wolves: It's a common practice. Starting from Fundaci n Cultural para la Sociedad Mexicana (fancy name for Radio Mar a M xico). Capital Media has around 3 permitted stations using Capital FM branding. And GAIA FM A.C. (fancy name for Jos  Antonio Garc a Herrera,  
[http://www.senado.gob.mx/comisiones/comunicaciones\\_transportes/docs/Telecom/JAGH\\_CANITEC.pdf](http://www.senado.gob.mx/comisiones/comunicaciones_transportes/docs/Telecom/JAGH_CANITEC.pdf)  
CANITEC's vicepresident) is now part of Capital Media,  
<http://pirata.fm/>  
renaming Pirata FM to --- Capital Pirata, obviously (Gargadon, Campeche, *ibid.*)

Exactly. A few years ago Gabriel Sosa Plata wrote a whole article about it.

[http://blogs.eluniversal.com.mx/weblogs\\_detalle18801.html](http://blogs.eluniversal.com.mx/weblogs_detalle18801.html)

It's just thoroughly disappointing. It just occurred to me that the third one (the Bonilla station) is also going to go to a company: B15, which I'd said before might be in the running for a local station in Zacatecas.

Gaia FM actually sold one of its stations to ZER (though the permit remains in Gaia's name), which means that ZER now operates permit wolves...

- licensed to Arnoldo Rodríguez Zermeño (XEARZ, XHARZ)
- licensed to Josefina Reyes Sahagún, his wife (XHJRS)
- licensed to Rodrigo Rodríguez Reyes, VP of Grupo Radiofónico ZER (XHRRR)
- under the names Gaia FM, A.C. (XHOMA Colima), Impulsa por el Bien Común de Jalisco A.C. (XHARDJ, XHTEQ), and Valores y Tradiciones de mi Tierra A.C. (the TV station)

Of course, XHROJ falls into this category in both stages of its life ó Grupo ACIR looks to have played a major role in its operation until 2012, and Quequi is of course commercial and publishes a newspaper.

I knew all about the radio permit wolves. I was just sad to see the same thing happen to TV.

óóó

Also, Doug: I think the IFT was backed up on a lot of technical modifications and so it had to issue the authorization for that change to the analog XHGC shadow.

óóó

Also... SPR authorizations!

On FM:

We knew the frequencies, but the SPR's first radio stations are XHSPRT 101.1 in Tapachula, Chiapas, and XHSPRM 103.5 in Mazatlán, Sinaloa.

On TV...

XHSPS-23 San Luis Potosí

XHSPG-30 Acapulco

XHSPY-34 Tepic

XHSPQ-29 Cancún

XHSPQ-22 Torreón

XHSPB-31 La Paz

XHSPJ-25 Chetumal

Note the new callsign scheme. Final digital information is available for the Televisión Tabasqueña stations. Last edited by Raymie; 12-03-2015 at 02:51 AM.

Read my Mexico Beat blog | Calendario de Apagones [tagline]



December 11: San Felipe BC; Allende/Salttillo/Parras Coah.;  
Celaya/LeÛn Gto.; Qro.; Agua Prieta/Caborca Son.

December 16: Isla de Cedros BC; Northern Coahuila; Jalisco except  
Puerto Vallarta; most Mich.; San Luis PotosÌ SLP; Cananea Son.; San  
Fernando Tamps.

December 17: Central Mexico; Telemax in Agua Prieta/Caborca, Son.

December 22: Some Chih., Cd. AcuÒa Coah., Dgo., FCP/Chetumal Q.  
Roo, Matehuala SLP, NW Son., Zac. (Raymie Humbert, Dec 3, ibid.)

\*\* MONGOLIA. 12035, V of Mongolia, Ulaanbaatar. NF. Good strength  
signal and clear with announcements in English. In the interview the  
presenter's accented voice was difficult to follow whilst that of the  
interviewee was clear and lucid. 0904 19/11 (Charles Jones, Castle  
Hill NSW (JRC 535D and 7m vertical), Dec Australian DX News via DXLD)

\*\* MOROCCO. 9575, Midi 1, Nador, 1605-1625, 29-11, program "Ritmo  
Latino" with Leila Belarbi, French and some comments in Spanish,  
Latin American songs. 34433 (Manuel MÈndez, Lugo, Spain, Logs in Lugo,  
Tecsun PL-880, Sony ICF SW 7600 G, Cable antenna, 8 meters, dxldyg via  
DX LISTENING DIGEST)

\*\* NETHERLANDS [non]. Re: KBC trims its shortwave schedule

Indeed various farewell remarks, such as reading a mail from Russia if  
I got it right, had been made after 1045. Final farewell immediately  
before 1100, then transmitter overrun with Elton John still standing  
until the carrier was finally cut at 1103. Already before 1100 SAH had  
erupted: Kimjae, propagating under winter conditions? It turned out to  
be an open carrier at 1103 --- and soon turned out to be a Dutch  
pirate, playing Anorak tunes, with distorted, breaking up modulation.  
The future of shortwave broadcasting (Kai Ludwig, Germany, Nov 27,  
dxldyg via DX LISTENING DIGEST) 6095 via GERMANY

Poor signal for the last transmissions of Transportradio on shortwave  
0900-1102 on 6095 NAU 100 kW / 230 deg to WeEu Dutch Mon/Thu/Fri,  
November 27:

[http://swldxbulgaria.blogspot.bg/2015/11/poor-signal-for-last-transmissions-  
of.html](http://swldxbulgaria.blogspot.bg/2015/11/poor-signal-for-last-transmissions-of.html)

Good signal of Transportradio, November 26:

[http://swldxbulgaria.blogspot.bg/2015/11/last-transmissions-of-transportradio-  
on.html](http://swldxbulgaria.blogspot.bg/2015/11/last-transmissions-of-transportradio-on.html)

(Ivo Ivanov, Sofia, Bulgaria, Nov 27, dxldyg via DX LISTENING DIGEST)

\*\* NIGERIA. Very weak signal of Voice of Nigeria, Dec 1:  
1800-1930 on 7254.9 AJA 250 kW / 248 deg to WCAf English  
[so no more on 15120, DRM? -- gh]  
1930-2000 on 7254.9 AJA 250 kW / 248 deg to WCAf Hausa

<http://swldxbulgaria.blogspot.bg/2015/12/very-weak-signal-of-voice-of-nigeria.html>  
73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Dec 1-2, dxldyg via DXLD)

\*\* NIGERIA [non]. CANADIAN BROADCASTER SETS UP RADIO TO FIGHT BOKO  
HARAM INSURGENCY

<http://www.premiumtimesng.com/news/194006-canadian-broadcaster-sets-up-radio-to-fight-boko-haram-insurgency.html>

A Canadian broadcaster, David Smith, has established a radio station focused at combating Boko Haram insurgency and its ideology. The channel, Dandal Kura, will air on shortwave from Nigeria to discourage people from violence.

Dandal Kura, Kanuri words for meeting point, targets mainly the Kanuri and Hausa-speaking communities of Nigeria where Boko Haram has conducted a brutal insurgency since 2009.

Mr. Smith, a veteran crisis and conflict news reporter, distinguished himself by setting up radio stations in crisis areas to preach the gospel of peaceful coexistence in war-torn areas.

He cut his journalism teeth during the Apartheid in South Africa in 1985, and despite being of Canadian descent, worked for the ANC-owned radio station, Capital Radio, against the P.W. Botha-led National Party.

Mr. Smith describes Apartheid as terrorism.

He set up the first UN-supported conflict-zone radio in the Balkan region in the 90s during the war in Yugoslavia, and later established a similar project in Bangui, the capital of the Central African Republic, CAR.

With the huge success recorded in educating the people to eschew violence in CAR, he set Radio Bar-Kulan (meaning a meeting place in the local language) in Somalia, and later established Radio Okapi in the Democratic Republic of Congo.

With terrorism ravaging the Lake Chad Basin – an area covering parts of Nigeria, Niger, Chad and Cameroun – the broadcaster established Dandal Kura in Nigeria.

Speaking when he visited PREMIUM TIMES recently, the Media Advisor of Dandal Kura Radio, David Smith, said the station targets about 9 million people in the Lake Chad basin.

Mr. Smith, who once worked with the UN on media projects in conflict zones, said the major target audience of Dandal Kura Radio were states

affected by the Boko Haram crisis.

He said although the station informs and entertain the people on routine issues, the thematic area of the its programming was largely on peace building.

He said Dandal Kura Radio broadcasts in Kanuri language in order to give people isense of belonging and ownershipî.

He said other areas of the stationís focus were Eastern Niger area of Diffa, the Northern Cameroon area of Marwa, Northern Chad, noting that the station had correspondents in these areas.

îWe have network of correspondents in states affected by the Boko Haram activity, and also in neighbouring states,î he said.

îInterestingly, because I travel a lot to Níjamena where I am in talks with the Multi-National Joint Task Force and the Lake Chad Basin Commission, I come across a lot of Kanuri speaking people in Níjamena, there is a large Kanuri speaking IDPs in Níjamena.  
[internally displaced persons?]

îI didnít know they existed until I started visiting the Lake Chad Commission, and all the Kanuri speaking people in Níjamena started to find me to tell me how much they appreciated Dandal Kura, and wanted to contribute in it.

îInterestingly, because we broadcast on shortwave, and shortwave covers a vast area, I can say even in South Africa, I can pick up Dandal Kura.

îWe have a large following in South Sudan and other areas because of the Kanuri speaking people in the Juba area, as well as the Khartoum area. Because of the traditional and historical reasons, people travelling on overland route to Mecca find themselves settling in Khartoum.î

According to him, there are estimated 9 million Kanuri speakers in the Lake Chad basin, and that Dandal Kura Radio is the only radio station that mainly broadcasts in Kanuri.

He said the station was currently operating in Kano for security reasons, assuring that the station would soon move to Maiduguri, where he called the íthe heart of the Kanuri speaking worldí.

The station currently operates for six hours ñ from 6 am to 8 am on 7415 kHz in the 41 metre band; 8 am to 9 am on 15480 kHz in the 19 metre band; and 7 to 10 pm on 11830 kHz in the 25 metre band (via JosÈ

Miguel Romero2, Spain, Dec 2, dxldyg via DXLD)

Out of date schedule; when was this published? Nov 27, 2015! 11830 was A-15, 12050 in B-15, ``Will [sic] air on shortwave from Nigeria`` --- ?? From Ascension; studio in Nigeria (Glenn Hauser, DXLD)

A not-very-[well-]written article, and with a number of factual errors, but still interesting piece on Dandal Kura in a Nigerian newspaper. One interesting point: The driving force behind Dandal Kura is the well-known David Smith, a keen advocate of shortwave who set up Radio Okapi and Radio Bar-Kulan (Chris Greenway, dxldyg via DXLD)

Surprisingly signal of Radio Dandal Kura International on Dec 1: 1805 & 1900 12050 ASC 250 kW / 065 deg WeAf Kanuri, very strong today: <http://swldxbulgaria.blogspot.bg/2015/12/surprisingly-signal-of-radio-dandal.html> 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Dec 1-2, dxldyg via DXLD)

May have been helped if WEWN was absent from 12050 that day (gh)

\*\* NIGERIA [non]. GERMANY(non [sic]), Good signal of Manara Radio via MBR on November 27  
0730-0830 on 15440 ISS 150 kW / 170 deg to WeAf Hausa  
<http://swldxbulgaria.blogspot.bg/2015/11/good-signal-of-manara-radio-via-mbr-on.html>  
(Ivo Ivanov, Sofia, Bulgaria, Nov 27, dxldyg via DX LISTENING DIGEST)

\*\* NORTH AMERICA. Old time radio. Thursday, November 26, 2015, 1929, 6770 am. "My favorite husband starring Lucille Ball, brought to you by Jello" just starting. Fair signal, s7. (Will-MD)

WMID. Thursday, November 26, 2015, 0022, 3440 am. Music by the Cure. "WMID" ID at 0028, into "Can't you hear me knockin'" by the Rolling Stones. 0036, ID, "WMID all music and ID ann the time." Superman by the Kinks followed. ID, "John T. Arthur's second favorite radio station" at 0049. More music by Oingo Boingo and Neil Young. JTA ID at 0119 and off. s9/s15, very good, excellent fidelity with well defined lows and highs. Some fading. (Will-MD)

Old time radio. Friday, November 27, 2015, 1844, 6770 am. CBS Radio house ads, "and now back to Harold Peary, as Honest Harold the homemaker." s5 (Larry Will, Mount Airy, Maryland, [radio@zappahead.net](mailto:radio@zappahead.net), IC-R75 and G5RV, DX LISTENING DIGEST)

PIRATE-NA. Fredric Chopin Radio, 6950.1 AM, 2215-2257\*, 11-22-15. SI0: 121. Classical piano music, fading in and out, finally a definite ID as "Frederic Chopin Radio" by OM just prior to close down. [Lobdell-MA]

PIRATE-NA. Radio Free Whatever, 6950 USB, 2128-2210+, 11-26-15. SI0: 444/121. Dick Weed without Stavín with live show, requesting phone calls to 302-689-6090. Played tunes by Lily Allen, Dave Navarro, Thom Yorke, Silversun Pickups. Plugging his booster.com t shirt campaign. [Lobdell-MA]

PIRATE-NA. TCS/The Crystal Ship SW Relay Service, 6850 AM, 2220-2244+, 11-26-15. SI0: 343. John Poet with "The Beat Goes On" program. Tunes by Paul Revere, Tom Jones, Mamas & Papas, The Five Americans, etc. [Lobdell-MA]

PIRATE-NA. THX1138, 6925 AM, 1835-1931\*, 11-28-15 SI0: 343. A bunch of rock tunes by Tool. IDing as "THX 1138 - 25 watts" by OM/YL. Some audio from the sci-fi 1971 movie THX 1138 as well. Nice audio, new station (Chris Lobdell, Tewksbury, MA, Receivers: E1, NRD-545, Aerials: 40 Meter dipole, G5RV dipole, DX LISTENING DIGEST)

\*\* NORTH AMERICA. 6950.0-USB, Nov 29 at 0106, sad song by YL, 0107 Wolverine Radio ID, at S9+30, equivalent level to WBCQ on 5109.7-CUSB and 7490, but 9330 is not on (yet); also mighty KBC via 125,000 watts in Germany on 7395 is only S9+35.

Wolverine must be running hefty power level for a pirate. Wish I could keep listening but too much else is going on Saturday evenings! Recheck 0203 hears SSTV beeps so probably closing down. MANY other logs here, Emotions the theme:  
<http://www.hfunderground.com/board/index.php/topic,24792.0.html>  
Others heard following immediately on 6950-USB weaker PeeWee Radio:  
<http://www.hfunderground.com/board/index.php/topic,24794.0.html>  
(Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* NORTH AMERICA. 6940-USB, Timberwolf Radio, 0241, Dec 2. Very well heard with ID and blue grass music. My audio posted at <https://app.box.com/s/2yf5mv8h8ndivsn88woech5uoc5ejgyx>  
(Ron Howard, Asilomar State Beach, CA, EtŮn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

\*\* OKLAHOMA. 1000, KTOK, Oklahoma City. 1157 UT November 26, 2015. End of Coast To Coast AM segment, male canned "You can hear KTOK online at [ktok.iheart.com](http://ktok.iheart.com)" and "This report brought to you by the Oklahoma Hall of Fame" into spot for a Dr. Barry Wilson, "News Radio 1000, KTOK AM and 96.1 FM... Oklahoma City" into Fox News Radio. Star Spangled Banner underneath from 1202, which would be WYBT (Terry L. Krueger, All times/dates GMT, NRD-535, IC-R75, roof dipole, active loop from Clearwater, FL, DX LISTENING DIGEST) 96.1 must be an IBOC of KXXY (gh)

\*\* OKLAHOMA. 1390, Nov 26 at 0713 UT, still 0729 UT, and recheck 0906 UT, open carrier/dead air with some hum, from KCRC Enid, supposedly

nonstop ESPN Radio; an improvement. A holiday will not be accepted as an excuse (Glenn Hauser, Enid, DX LISTENING DIGEST)

\*\* OKLAHOMA. 23:01 [presumably CST = UT -6] 1650, KYHN, Fort Smith AR [sic], fair, CBS News then ads for Geico, back to news then a promo for a Event in Fort Smith. ID "KYHN" NEW! AR #1 [sic]. Receiver Sagian [sic] ATS 909x with built in AM antenna. Times CDT [sic] (David Slate Hendersonville TN, Nov 28, ABDX via DXLD)

1650, Dec 2 at 0700 UT, gospel music: must be a format change somewhere; 1155 UT recheck, it's gospel rock, 1200 ID as some FM and KFSW Fort Smith! So KYHN has finally changed call and format from ``Arklahoma's Talk Radio``. The FCC officially changed call from KYHN to KFSW at beginning of November, but all month long they kept IDing as KYHN.

Paul Walker says the FM is translator K254AM on 98.7, ``Life 98.7``, contemporary Christian music. So I look up FCC info on that: Licensee is Educational Media Foundation, which is really a huge nationwide gospel-huxter network. CoL Fort Smith AR, rebroadcasting KKRI 88.1 which is 1 watt! horizontal, 17 kW vertical in Pocola OK, also EMF. That in turn retransmits KLRD, which is apparently the EMF flagship in Yucaipa CA on 90.1. I assume all that is now at least partially outdated.

So has EMF bought the 1650 facility, or has the different KYHN licensee bought or rented the translator, which appears to be slightly on the AR side of the border, south of Ft Smith, but barely reaching that city, and not reaching further Van Buren with its 60 dbu contour (and not reaching Sallisaw OK at all, the true location of 1650).

I am chagrined that most DXers appear to insist that 1650 KFSW/KYHN is an Arkansas station for counting purposes, not an Oklahoman, even tho there is no doubt whatsoever that its signal emanates from Oklahoma. (But don't let such minor technical details get in your way.)

{Not that we are proud to have such a station within OK, from far-right wackos to gospel-huxtering; but facts are facts.}

Meanwhile, RIP ``Arklahoma's Talk Radio`` whose website is still up as of Dec 2:

<http://kyhnradio.com/>

The /about page still says:

``At KYHN it is our desire to both entertain and inform. We like to say, "We're conservative, but we're not mad about it". While most of our programs and hosts hold conservative values and principles we have

purposely moved away from those hosts who desire to scream & holler and who want to be controversial. We believe we are a radio station that reflects the majority of voices and thoughts of our listeners in Eastern Oklahoma and Western Arkansas. We have chosen to carry programs that are more intellectual and thought provoking rather than those of anger and conspiracy. [HA! Including Alex Jones! --- gh]

We have also made a conscience [sic] choice of offering a variety of programs ranging from business and financial programs to talk shows. We have programs from technical computer experts to lawyers, from garden shows to real estate, from call in shows to local news broadcasts. We don't want the same three guys saying the same thing every day. We want to be a different option on your radio`` (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST)

KFSW and K254AM, ex KYHN is owned by G2 Media Group, and they are the ones programming the contemporary Christian format. A transfer of control for the translator was granted September 22nd, 2015 from EMF to G2 Media; and it was with that filing of the sale that also included the change in primary stations from an EMF station to then KYHN, now called KFSW. Also the owners of KXXM 105.1 Muldrow, OK. The studios for KXXM and KFSW are in Sallisaw, OK (Paul Walker, Camden AR, mwdx yg via DXLD)

\*\* OKLAHOMA. NOTE: in Enid and much of western Oklahoma, an ice storm is building up. As of 1745 UT Nov 27 here, trees and powerlines are icing up, and it's windy. This is supposed to continue another 24 hours, so we may well lose power, no telling for how long. At least we have gas heating, and lots of batteries, but may be out of contact for a while. OG&E Systemwatch shows growing power outages in the Enid area but not yet Enid itself:

<https://oge.com/wps/portal/oge/outages/systemwatch/SystemWatch.swf/>

NOTE: Still no power loss at WOR HQ; as of 0030 UT Nov 28, OG&E shows 486 customers without power in Enid, double the figure of a few hours earlier. But the temp has fallen to 28, which means less freezing rain even if precipitating. Our trees are heavy-laden but not breaking yet.

The long-predicted ice storm has indeed hit us in most of western Oklahoma, causing various anomalies among broadcasters November 28 noted as follows, all times UT:

At 1645 I notice that KTBO ``14``, RF-15, Trinity, OKC, is black and silent --- all 5 subchannels on the air at Good level, but nothing being transmitted. STL problem? Power off at studio, not transmitter? Suddenlink Cable ch 3 in Enid displays the last image transmitted on main channel instead of black: woman playing a guitar to a puppet. This freeze-frame stays up all day and evening, still there at 0600 UT

Nov 29!

KOCB ``34`` RF 33, I notice now has the new Comet network on 34-3. SF movie of humans vs tentacles at 0540 UT Nov 29, `Species`.

1910 UT during opera, KUCO 90.1 Edmond/OKC dumps off the air, and remains off all afternoon/evening. At first I thought they were back on with dead carrier, but that turned out to be produced by the R75 when on radiating at 90.0 MHz, too close to the YB-400 I was checking for FM. KUCO website says nothing about being off the air; and the webcast is also down. <http://www.kucofm.com> I hope it's only a power outage (rampant across OKC metro), not ice damage to antenna, etc.

From 1919 UT an FM bandscan on the PL-880, looking for signals missing that are normally present:

88.3, K202BY, Enid Family Radio translator  
89.3, KIEL Loyal [tho not always audible anyway; really 75 kW?]  
90.1, KUCO Edmond/OKC  
90.3, KHEV Fairview [already marginal]  
92.1, KAMG-LP Enid  
94.3, KLGB-LP Enid [but 99.9. KVBN-LP, same site and tower stays on!  
Some other weak gospel huxter is heard; seems same as on 95.1  
KQCV, so Bott network? Kansas?]  
97.5, KPAK Alva  
99.7, KANH Mustang [instead, Spanish from Kansas]  
103.1, KOFM Enid [briefly, back on a few minutes later]

On MW in the daytime at 1932 UT, the only station found to be missing is 1460 KZUE, not surprising as El Reno is very hard hit by power outages.

1640, later at 0151 UT Nov 29, KZLS Enid-OKC is dead air, but for constant big hum; maybe due to icing/power outage somewhere, but it doesn't take that much for this station to lose modulation/program feed. Wish they'd turn the transmitter off too. I can hear WTNI etc., under it.

At 2330 UT I notice that Cable 6 in Enid, KOCM, Daystar is black and silent like KTBO ``14``, RF 15, and then find the same on KOCM's original RF 46, still same at 0537 UT Nov 29, i.e. on but transmitting nothing; couldn't happen to two more useless stations. Its on-air signal here is usually barely Good, often breaking up into video art. Too bad Suddenlink didn't capture a frame of that to show for the next multi-hours, just black.

96.9, KQOB, Enid-OKC, Nov 29 at 0202 and 0509 recheck is OFF, unlike earlier; from its remote site west of Crescent midway.



105.7, KRDR Alva, must be off, since at 0218 Nov 29 I am not hearing any stupid sports talk, but Latin/jazz music, matching the schedule of KROU de KGOU, 'Global Jazz Wire' at 8-10 pm CT Sats. On the PL-880 I have to off-tune it to 105.73 to avoid local 105.5 translator still on. Tried to // it to 88.1 whence KWOU Woodward is sometimes audible but site says ``KWOU in Woodward is on reduced power because of ice on antenna.`` KGOU++ have plenty of streaming options:  
<http://kgou.org/listen-live>

The situation at WOR HQ: a few quick power glitches, not enough to reset clocx, and no loss of power --- yet. Several thousand customers in Enid are down, and almost 80K in the OG&E service area covering only part of OK.

Our trees have taken a beating, with many broken limbs and branches from heavy ice layers. Some of them have fallen on our main longwire, which hasn't broken yet, but will be easy to repair once the debris is cleared. So far I think the C-490 TV antenna larger elements have not broken off like happened to its predecessor a few years ago. Additional icing may occur until noon Sunday (Glenn Hauser, Enid, Nov 28-29, DX LISTENING DIGEST)

[and non]. Follow-up to outage report, as of morning of Nov 29, UT:

530, Nov 29 at 1332 UT, 'K530AM', Vance AFB is off again, and I believe was also yesterday for the ice storm. So much for it being of any use in an emergency situation!

1460, KZUE El Reno is still off, but I can detect two JBA carriers at 1710 UT, one surely 11 kW KCLE Burleson-Cleburne-Fort Worth TX, the other perhaps 1 kW ND KKOY Chanute KS.

BTW, a TV ad for an Indian casino tells us that Reno means reindeer, certainly until today an odd name for anyplace in OK, or NV. My Spanish dictionary confirms that from English to Spanish but not from Spanish to English.

96.9, KQOB missing last night is back on as of 1608 UT.

RF 15, KTBO ``14`` as of 1600 UT, has also come to life after blackout all day yesterday. RF 46, KOCM is still on at Bad level, but black

Circa 1725 UT FM bandscan, referencing yesterday's obs: Still off: 88.3, 90.1 (but KHCC Radio Kansas unimpeded also classical), 90.3, 92.1 (KAMG-LP, or is it? seems to be a weak noisy carrier), 94.3, 97.5 (KPAK, but weak music probably Tulsa), 99.7 (still Spanish from Kansas instead), 105.7 (KROU still audible, not KRDR).

Newly off: 90.5 KGVV Goltry; 95.7, KXLS Lahoma/Enid

Like KWOU 88.1 Woodward, some stations are on but at reduced power due to icing, notably local Enid 103.1 KOFM, ID at 1726, but \*much\* weaker e.g. than ex-KOFM 104.1 OKC. 93.7 KSPI & 105.1 KOSB Stillwater/Perry also seem weakened, and at first thought they were off.

Still nothing on KUCO homepage about being off, and the streaming is still off too as of 1745 UT Nov 29. I inquired of Kimberly Powell who replied at 1758:

``Hi Glenn, we're back on the air since earlier this morning but at very low power and in analog only. I've emailed our UCO IT liaison that he can now get the online stream back. We should be back at a higher power tomorrow once things thaw a bit. I'm hoping Julio will go online remotely and re-establish our online stream today. Thank you for your patience! Kimberly Powell, Director of Programming, Production & Syndication``

Our AC power has remained on except for a split-second glitch, enough to stop the clox and restart the computer, at 2038 UT Nov 29. {Yet there has been a lengthy outage, darkness right across the street --- whew!} Governess Fallin has declared all 77 counties disaster areas, eligiblizing us for some of that dirty Federal money.

Ice crashes upon our roof continued sporadically until Monday noon. Trees do not overhang the roof so must have been coming off TV antennas, some of them abandoned but still up. By 1700 UT Nov 30, ice on the trees and lines has all melted, as temps have been higher above freezing overnight than originally expected.

Further updates on anomalies caused by the ice storm, as of afternoon Sunday Nov 29, all times UT:

At 2007, RF 23 is OFF! That's KSBI-TV ``52``, now the full-power substation of KWTW 39 ``9``. Must be too much icing on the antenna. Suddenlink cable 16 in Enid displays a freeze-frame for hours & hours. (if Suddenlink is getting this like other OKC stations by fibre optic feed, rather than off the UHF air, why should it matter if RF 23 is off??) It missed most of prime time, but back on by 0345 UT Nov 30.

90.1, KUCO Edmond/OKC is again audible by 2100 UT Nov 29, seems up to full power already, or almost.

November 30 chex:

At 1723 UT, KXLS 95.7 is still off as are 88.3 Enid FR translator, and

KLGB-LP 94.3.

At 1724, KQOB 96.9 is on air but dead air, RDS as  
CLASSIC / ROCK / 96.9 / KQOB. Same at 1833 recheck.

At 1833 FM bandscan, on PL-880, find a number of OKC stations which  
were on thru the worst of the ice storm are now off (or weakened):

88.3, K202BY, Enid still off  
90.5, KGVV, Goltry still off  
92.1, KAMG-LP, Enid now on but dead air (always mono)  
92.5, KOMA, OKC is OFF!  
94.3, KLGB-LP, Enid still off  
94.7, KBRU, OKC, weak  
95.7, KXLS, Lahoma-Enid, still off  
96.9, KQOB, Enid-Crescent-OKC, on but dead air as above with RDS  
97.5, KPAK, Alva, still off  
98.1, WWLS, The Village (OKC) now OFF  
98.9, KYIS, OKC, now OFF  
99.7, KNAH, Mustang-OKC, back ON with C&W  
100.5, KATT, OKC, now OFF  
101.9, KTST, OKC, on but weak  
102.7, KJYO, OKC, on but weak  
105.7, KRDR, Alva, still off (but can't hear KROU; could be off too?)  
107.1, KNID, North Enid, now OFF

AM check at 1842 UT Nov 30:

530, ``K530AM``, Vance AFB is back on with generic PSA rotations  
1140, KRMP, OKC is now OFF  
1460, KZUE, El Reno, still off (I think: some weak signals there)  
All other AMs in The Metro are on, except 1220 KTLV and 1400 KREF are  
always too weak or blocked to tell from here.  
1640, KZLS, Enid-Hennessey-OKC, dead air with hum as usual

Further updates to the ice storm outage reports, Nov 30:

1640, KZLS, still on but dead air at 2212, and still at 0205 Dec 1

Nov 30 after 2050 UT:

92.5, KOMA is back ON  
93.7, KSPI is on and seems full strength now  
94.7, KBRU is on  
95.7, KXLS is on but dead air  
96.9, KQOB is on but still dead air  
98.1, WWLS is back on, but not 98.9 KYIS  
100.5, KATT is off at 2056, and still off at 2211  
101.9, KTST is on but weak  
102.7, KJYO is on but weak

103.1, KOFM Enid, on but dead air  
107.1, KNID North Enid, on but dead air

Further obs of ice-storm related outages, afternoon of Dec 1, all times UT:

At 2055, 94.3 has CCI, so local KLGB-LP is NOT on; 2057 playing Super Tramp, 2100 ID as Classic Rock, KX00 (double-0), Elk City. It's 12/12 kW H/V, and 143/143 m HAAT. Yes, area tropo is a bit up with humidity increase during melting. Maybe KLGB was not really on earlier when I thought it was.

At 2105, 1140 KRMP OKC must be still off; getting a SAH, and maybe an open carrier, hard to tell on caradio. Skywave is already coming in a couple hours+ before sunset.

1640, KZLS Enid-Hennessey-OKC is still dead air except for hum. Ditto Dec 2 at 0700 UT and 1155 UT chex, and the hum is really big. Finally Dec 3 around 1330 UT it's back to local talk programming.

1460, KZUE El Reno seems back, on at least something in Spanish with CCI. Doesn't take much skywave to overcome KZUE here

FM bandscan starting at 2100 UT Dec 1:

88.3, K202BY, Enid, still off  
90.3, KHEV Fairview, now on with dead air; 490 watts; had been off?  
92.1, KAMG-LP Enid, still dead air  
94.7, KBRU? Something weak  
95.5, KWEY Clinton must be the one as ``The Cat``, and ``The Coyote``, YL DJ and C&W; 18.5/18.5 kW, 252/252m. Normally blocked by 95.7 KXLS, which is still DA  
96.9, KQOB still dead air  
98.1, WWLS-FM is off  
98.9, KYIS is on  
100.5, KATT is on  
101.9, KTST is on  
102.7, KJYO is on  
103.1, KOFM Enid is on  
104.1, KMGL is still on, now all-Xmas music, yuk  
107.1, KNID Enid is still dead air

Another bandscan morning of Dec 2 at 1455-1501 UT on the PL-880:

1460, Spanish music, so KZUE is on  
1640, KZLS, still nothing but hum

88.3, K202BY Enid still off  
89.1, K206CA Enid is now off; had stayed on thru the ice storm earlier; translating KNYD Oasis 90.5 (really from 88.1 KMSI)

92.1, KAMG-LP Enid still Spanish dead air  
94.3, KLGB-LP Enid still off; instead hearing Bott station from Hutchinson KS, i.e. really 100/100 kW KVCW Kingman KS closer to here  
95.7, KXLS Lahoma/Enid still dead air  
96.9, KQOB Enid/Crescent/OKC, back to normal finally  
97.5, KPAK Alva, rock music, presumably this back on  
98.1, WWLS-FM, The Village, on but weak  
98.9, KYIS, OKC, on and strong  
99.7, hearing Spanish only, so 50/50 kW KHLT Belle Plaine (Wichita) KS; and is KNAH Hank FM, Mustang OK off again? Under normal conditions the two can fight over the frequency here, but tropo may give KS edge  
100.5, KATT OKC is normal  
101.9, KTST OKC is still weak  
102.7, KJYO OKC is still weak  
104.1, KMGL OKC is OK, still Xmas music, yuk  
107.1, KNID North Enid still dead air

A few more chex Dec 2 on caradio:

1460, at 1745 UT, ``La Tremenda, la potencia sin competencia``, super hype --- yes no one can compete with their pennywhistle 500 watt daytime power. Approaching noon, there is still a SAH, probably skywave from The Metroplex. Then call letter ID pronounced in Spanish, KZUE, but I still haven't heard how they pronounce ``El Reno``. Ads for nearby town Yukon.

107.1 and 95.7 North Enid/Lahoma are still dead air at 1750 UT, and 94.3 KLGB-LP is still off (Glenn Hauser, Enid, summarized on WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* OKLAHOMA. 1320, Nov 28 at 1934 UT, NewsTalk KCLI Clinton is talking about AM 1590 and FM 95.5, i.e. KWEYs Weatherford, which I suppose are sibling stations rather than competitors, media concentration in axion! Back to Rush weekend. No problem in the daytime, but whenever skywave is in, KCLI makes low rumbling het being off-frequency itself (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* OKLAHOMA. 3030 kHz, Nov 29 at 1317, ESPN and big hum, no doubt a sum of local KCRC 1390 ESPN and its sibling station KZLS 1640, on the R-75. Probably receiver overload as the transmitter sites are far apart. Meanwhile, 1640 itself is still dead air except for big hum at 1351 Nov 29 check (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* OKLAHOMA. At 2010 UT Nov 29, in doing a complete TV bandscan on the Zenith DTV STB for ice-storm anomalies, I encounter a near-local quality signal on RF 17, with slight fading on the signal meter. It might have been 1000 kW KDOR-TV, TBN in Bartlesville, but there is no sign of tropo from anywhere including the Tulsa area. (My rotor is still frozen so no DFing.)

All is black and there is no PSIP ID info, but there are 6 subchannels, displaying as 17-1 thru 17-6. NO SIGNAL comes on after a bit, tho there certainly IS SIGNAL! Continues the same thru Monday morning. Nov 30 at 1545 check. Signal is now very strong and steady. Audio has a slight noise level if volume turned up rather than total digital silence.

This has got to be the digital translator long licensed to Enid per FCC info, K17JN-D. It belongs to Clarion Broadcasting Group, which also has one other station in OK, KCYH-LD, channel 41 in Ardmore. Clarion bought a whole bunch of these all over the country a few years ago from another company. K17JN-D original site was between Goltry and Hillsdale NW of Enid, 0.5 kW with a direxional pattern aiming at Enid.

Correspondence file includes ``resumption of operations`` as of Feb 9, 2015, after having shut April 11, 2014. But it has NOT been on the air, and never seen before, altho it may have fired up briefly to make it official. Certainly misleading, and as far as I am concerned, a lie on the FCC form threatening prosecution for doing that.

K17JN-D also has a CP for 15 kW from a different site just west of Enid, slightly NE of the intersextion of US 412 and State Hwy 132. This pattern is almost circular, and easily covers Enid and beyond. Surely this what I am seeing now. It might have been on for a day or two before I noticed it, but starting up during an ice storm when other stations are knocked off is certainly contrarian! If this keep up, I can say goodbye to any DX on 17, and won't be able to see TBN from Bartlesville, Boo Hoo.

It will be interesting to find out what programming Clarion is going to put on its six channels --- how about home shopping? TBN? W9WI.com has no info on what's on their Ardmore outlet. Altho K17JN-D will never be seen by anyone in OKC other than a DXer, rabbitears.info files it like other invisible Enid low-powers under the OKC market, still as Off The Air, with no further info on content. The pattern here is direxional northeast:

[http://rabbitears.info/pattern.php?request=ant\\_pat&ant\\_id=16354&rotation=45&erp=15](http://rabbitears.info/pattern.php?request=ant_pat&ant_id=16354&rotation=45&erp=15)  
altho the FCC Bing map shows it almost non-direxional  
<http://www.bing.com/maps/?mapurl=http://transition.fcc.gov/fcc-bin/contourplot.kml?gmap=2%26appid=1630662%26call=K17JN-D%26freq=0.0%26contour=51%26city=ENID%26state=OK.kml>

However, rabbitears does have KCYH with 8 subchannels, 5 videos from 3ABN (Adventist) and three ``radio`` channels.  
[http://rabbitears.info/market.php?request=station\\_search&callsign=kcyh#station](http://rabbitears.info/market.php?request=station_search&callsign=kcyh#station)  
So that's what we have to look forward to (Glenn Hauser, Enid, DX LISTENING DIGEST) Yes, 6 x 3ABN channels from Dec 6; more follows (gh)

\*\* OMAN. On 28 Nov, during an unusual (for me) evening listening session, I heard Radio Sultanate Oman for the first time on 11650 kHz at ~0050z with a little help from my recent purchase of a 'Magic Wand' Antenna (which really seems to raise the signals and lower the noise on 25m). Radio Sultanate Oman: 11650, 0054 28 NOV. SINPO = 25212. ?Arabic?, male announcer, numerous musical interludes. QSB=ff. sf98.4 a8, k1, geomag: very quiet. 100 kW, beamAz 315 , bearing 12 . Sangean ATS505 with MFJ-1020C active antenna used to preselect Magic Wand Antenna hanging indoors on west wall. Received at Las Vegas, United States, 13966 km from transmitter at Thumrait. Local time: 1654 (Rodney Johnson, NV, dxldyg via DX LISTENING DIGEST)

11650, Nov 28 at 0134, Qur'an at S6-8, so RSO is here tonite (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* PALESTINE [and non]. THIRD PALESTINIAN RADIO STATION CLOSED BY THE IOF  
<http://english.pnn.ps/2015/11/29/third-palestinian-radio-station-closed-by-the-iof/>

This Sunday morning, the Israeli occupation forces issued an order for the closure of a Hebron radio station, the third Palestinian news outlet to be shut by Israeli authorities this month in Hebron.

The director of Dream Radio station, Talab Al-Jaabri, stated that the Israeli occupation forces stormed the station, destroying equipment and damaging offices. 12289672\_1247041395338278\_3525987683493623945\_n [sic]. Al-Jaabri said the IOF told him the radio station would be closed for six months due to incitement against Israel.î

Earlier this month, the Israeli occupation army shut down Radio Hebron and Al-Hurriya, two other Palestinian radio stations which have been accused of broadcasting anti-Israel content. Posted by: (JOSE MIGUEL ROMERO ROMERO, dxldyg via WORLD OF RADIO 1802, DXLD) WTFK? FM no doubt

\*\* PAPUA NEW GUINEA. 3260, NBC Madang, random listening from 0821 till off at 1207\*, Nov 27. Highlights:

0821-0900, in English; believe "NBC National Radio" relay.  
0900-0918, NBC National News in English.  
0918-0922, "NBC Madang News" in Pidgin/Tok Pisin; also followed with their local programs.  
1002, news in Pidgin/Tok Pisin.  
1100, news in Pidgin/Tok Pisin.  
1201, news in English.  
1205, PSA; 1207\* suddenly off in mid-sentence.

Noted recently that they no longer use the PNG bird call before the start of the news; at times was semi-readable, but more often unreadable; above threshold level audio the whole time.

7324.96, Wantok Radio Light continues silent; checking 0900 till 1000, Nov 27; CRI signs on (7325) at 1000 (Ron Howard, San Francisco at Ocean Beach, CA, CR-1, dxldyg via DX LISTENING DIGEST)

\*\* PAPUA NEW GUINEA. 3365, NBC Milne Bay, random listening 1223-1504, Nov 30. Slightly above threshold level, but mostly unreadable; after 1400 "NBC National Radio" audio; played some Christmas songs ("Little Drummer Boy," "Silent Night," etc.); my local sunrise at 1500 UT.

The only thing that can said about NBC stations is that they are on the air erratically! (Ron Howard, Asilomar State Beach, CA, CR-1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

Thanks for the feedback from Hiroyuki Komatsubara (Japan):

Nov 30, "-1720- 3365 kHz, Broadcasting has continued. It may relay of NBC-FM (90.7 MHz)" and from him on Dec 1 "add; -1813- 3365 kHz. All-night."

Dec 1, heard here in Calif. on 3365, after 1426, with Christmas songs ("Jingle Bells," etc.); noted past 1522; so again with what looks like 24 hour format. Continuing through the Christmas Holidays? (Ron Howard, dxldyg via WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* PAPUA NEW GUINEA. Papua Neuguinea: Folgende Stationen haben in den vergangenen Jahren am 31. Dezember ihr Programm verl ngert und um 14.00 Uhr das neue Jahr eingel utet:

3275 NBC Southern Highlands, nach sechs Monaten Pause wieder ab Juli gemeldet

3385 NBC East New Britain, im Lauf des Jahres kaum noch international gemeldet

3905 NBC New Ireland, im Juli Sendeende offiziell bekannt gegeben

Au erdem wurden 2015 noch folgende Sender gemeldet:

3260 NBC Madang, nach Sendepause seit Fr hjahr wieder ab Oktober und auch im November geh rt

3365 NBC Milne Bay, aktivste Station, auch Ende November auf Sendung (ntt aktuell Dezember 2015 (letzte Ausgabe nach 21 Jahren), Prof. Dr. Hansj rg Biener, Neulichtenhofstr. 7, DE 90461 N rnberg, Hansjoerg\_Biener @ yahoo.de, via DXLD)

\*\* PERU. 4774.9, R. Tarma, Tarma. Music programming 1010, ID and TC, highly electrified music, twangy and very artificial sounds. Yuk! Very cheesy! Bring back the Andean pipes and acoustic guitars, I say. Poor



signal with thunderstorm noise from northern Aussie making reception difficult. 7/11 (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Double Bazooka antennas for 80 and 40 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU, Dec Australian DX News via DXLD)

\*\* PERU. 4830 kHz Radio Lircay, Lircay - Peru, en Onda Tropical, a 1.997 Via <http://www.mcdxt.it/>  
<https://www.youtube.com/watch?v=UV0HUjxmFKU&feature=youtu.be>  
(via Daniel Wylllyans, Brasil, 2015y, Hard-Core-DX mailing list via DXLD)

\*\* PERU. 4950.00, R. Madre de Dios (tentative), 0352-0408, Nov 30. With Angola briefly off the air, heard religious singing and tentative preaching(?), but too weak to make out language; totally blocked when Angola came back on the air at 0408. Rather surprised to catch this one! (Ron Howard, Asilomar State Beach, CA, CR-1, antenna: 100' long wire, dxldyg via WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* PERU. Date: Tuesday, December 1, 2015, 3:49 AM

Amigos, Para su informaci n: Hoy capt  despu s de mucho tiempo a radio Bol var 5459.95 PER/; R. Bol var, Bol var, Trujillo; 30/11 0032-0130, 22222, ads del consejo de Bol var, Distrito de Bol var, mxf y mx tropical andina, programa Aviso Municipal de la Municipalidad de Bol var sobre la limpieza de la ciudad.

NOTA: No dan ID de la radio, solo colocan mx y avisos de la Municipalidad de Bol var. Sin previo aviso a las 0130 s/off. En estos d as continuar  escuchando a ver si logro grabar su ID.

--

Vivo en una casa muy peque a, pero, sus ventanas se abren hacia un mundo muy grande. Saludos (Pedro F Arrunategui, Lima, Peru, WORLD OF RADIO 1802, DX LISTENING DIGEST)

Shux, one frequency I didn't check this evening. WRTH shows sked as 2330-0130 only. Unknown call sign and power, but probably quite low. I do check the following evening between 0100 and 0130, but no sign of it (Glenn Hauser, WORLD OF RADIO 1802, DX LISTENING DIGEST)

5460, Dec 2 at 0105, no signal detectable from R. Bol var, which Pedro F Arrunategui, Lima, reported reactivated 24 hours earlier. Line noise level here is S9+20, despite power being off in a strip across the street. WRTH schedule for it is 2330-0130 only (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* PERU [and non]. Correxi n: in this report, the correct Chaski

cutoff was at 0111:36.5\*, not 0112:36.5.

5980, Nov 22 at 0058, one JBA carrier, R. Chaski, and still only one 0059-0100+ when BBC/UAE should have come on. By 0110 now there are two beating against each other until the stronger one cuts off at 0111:36.5\* which is 12 seconds later than at 0111:24.5 on Nov 20.

5980, Nov 29 at 0105, two JBA carriers, until the stronger one, R. Chaski, autocutoff at 0112:24\*, which is 47.5 seconds later than last check 7 days ago, 0111:36.5 UT Nov 22, averaging 6.8 seconds later per. High time for a reset.

5980, Dec 1 at 0109, two JBA carriers, until the stronger one, R. Chaski, autocutoff at 0112:35.5\*, leaving BBC/UAE, 11.5 seconds later than 48 hours ago, or 5.75 later average.

5980, Dec 2 at 0111, two JBA carriers, the stronger one, R. Chaski, off about 0112:45.5\* which is 10 seconds later than last night; maybe one or both are slightly askew as exact time of cutoff may be obscured by fading (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* PERU. PANORAMA DE LA FRECUENCIA MODULADA EN PER/  
by gruporadioescuchaargentino

En la d cada de los 90 cada estaci n de radio en la frecuencia modulada (FM) ten a pr cticamente un propietario diferente que hac a todo lo humanamente posible por sobrevivir.

Se trataba de alrededor de dieciocho emisoras apuntando pr cticamente a lo mismo: propalar m sica hegem nica de moda ya sea esta salsa, rock o baladas.

Si bien cada una era una trinchera distinta, la mayor a de radios iba detr s del mismo p blico masivo porque esto significaba atraer a los grandes anunciantes, lo que a su vez generaba el dinero suficiente para seguir haciendo rentable un negocio que pasaba por su peor momento, con tarifas deprimidas por la excesiva competencia.

Pocas emisoras como Radio Doble Nueve, Radio Inka, Stereo 100 o Telestereo se atrevieron a difundir algo distinto. A n as  fueron terriblemente golpeadas por las bajas tarifas.

Este escenario cambi  cuando el p blico se fue fraccionando y empezaron a surgir aquellos ritmos aparentemente incomprendidos como la tecnocumbia, el reggaet n y la m sica del recuerdo, cada uno de ellos pidiendo ser representados en la FM.

Muchos rockeros se hab an quedado en los 80 y quer an que esa m sica

siga subsistiendo en el dial exigiendo una frecuencia para ellos; igualmente los salseros daban a entender que habían matices en el ritmo (desde la salsa dura a la sensual) y querían que esta diferencia se refleje en el dial.

Varias radios no pudieron afrontar estas exigencias porque sus *ëbroadcasters* si no llegaban a sintonizar con la gente y si lo hacían, al contar solo con una radio y apuntar a un público especializado, el pedazo de la publicidad obtenido era mínimo, lo que hacía de las emisoras poco rentables y vulnerables.

Ante este escenario dos empresas tomaron la iniciativa para adquirir y agrupar a las estaciones de radio y darle un nuevo giro al negocio. Este fenómeno, que empezó en 1998, aglutinó emisoras alrededor de dos grupos: Corporación Radial del Perú (perteneciente a la familia Zavala) y el Grupo RPP (de los Delgado Nachtigall).

Ambos, a través de compras y asociaciones (y venta de contenidos), empezaron a generar dos nítidos grupos que empezaron a pugnar por apoderarse de la audiencia y la publicidad del dial.

La agrupación de radios tuvo un objetivo claro: ofrecer a los anunciantes más opciones donde colocar sus avisos (espacios para oyentes que gustan del rock, balada, música del recuerdo y cumbias), en un solo paquete. Esto para los anunciantes representaba una ventaja, era mejor negociar con un solo propietario que tenía cinco estaciones con una programación diversa que hacerlo con cada dueño de estaciones solitarias.

Además, era claro que este hecho permitió a los propietarios un mayor poder de negociación y control de las tarifas en radio.

El proceso de compras arrancó en 1998 con la adquisición de Stereo 100 por parte de Corporación Radial del Perú (CRP), el mercado de publicidad radial llegaba en ese entonces a los US\$28 millones.

Luego, este grupo adquiriría Omega, Ritmo Romántica, Radio Inka, etc. sumando hoy ocho estaciones. Mientras el Grupo RPP lograría la compra de un número similar de estaciones para consolidarse como conglomerado

Las sucesivas compras trajeron al mercado un beneficio evidente, hacia el 2008 las ventas de publicidad se incrementaron hasta en US\$47 millones y es probable que en los últimos años se haya incrementado aún más. A los dos grupos más grandes se les suman otros más pequeños que también han ido en el mismo sentido de la consolidación de emisoras.

Entre ellos se encuentran Radiocorp (Viva FM y Radio X), Radio

Panamericana (Onda Cero, Radio Panamericana) y Corporación Radial (Karibeña, Exitosa y La Kalle) los cuales continúan logrando una mayor participación comercial con sus propuestas.

Sin embargo, una segunda razón para la consolidación de las estaciones de radio se generó a partir del debate de lo que debía ser la ley de radio y televisión. Su discusión comenzó alrededor de 1995 y culminó el 2004 con la ley que se centraba en permitir o no una participación mayoritaria de la inversión extranjera en estos medios.

En ese sentido, la compra de estaciones era imperativa por dos razones: si la ley permitía el ingreso de accionistas extranjeros para obtener el 100% de los medios de comunicación, se abrirían las puertas a que grandes transnacionales compraran masivamente las estaciones, dejando pocas oportunidades a los inversionistas locales, por lo que era necesario adelantarse a la ley.

Asimismo, si de todas maneras esto ocurría, la consolidación de las estaciones permitiría una buena opción de venta a los extranjeros que hubiesen preferido comprar estaciones agrupadas en un gran paquete.

Finalmente, la ley solo permitió que el capital extranjero accediera al 40% de las acciones en estos medios de comunicación, lo cual no hizo atractiva la incursión de grandes inversiones extranjeras en estos negocios.

Los dos grandes grupos mencionados (Corporación Radial y Grupo RPP) han dejado de adquirir estaciones por la misma exigencia de la Ley de Radio y Televisión (Ley 28278, promulgada el 15 de julio del 2004).

La norma les da la posibilidad de controlar hasta el 20% del número de estaciones del espacio eléctrico en una localidad (en Lima, siete estaciones). Sin embargo, hay otros tres grupos radiales pequeños, aptos para crecer y que podrían dar nuevas sorpresas en este proceso de consolidación (El Comercio, Peru via GRA blog via DXLD)

\*\* ROMANIA. 5910, RRI Bucharest's Romanian language program to North America, powerhouse 300 kW from Tsiganeshti site at 0224 UT on Nov 28. VERY FUNNY entertainment program in progress, hearty laugh of the crowd in the theater. S=9+25dB proper signal across the Atlantic from Europe at this hour. Hit slightly by adjacent small Colombian Alcaraván radio on 5910.059 kHz.  
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]  
(Wolfgang B. schel, wwdx BC-DX TopNews Nov 28, dxldyg via DXLD)

\*\* RUSSIA. The Russian Buzzer UVB-76, 1255-1855 on 4625 USB, Nov 26:  
<http://swldxbulgaria.blogspot.bg/2015/11/the-russian-buzzer-uvb-76-november-26.html>

(Ivo Ivanov, Sofia, Bulgaria, Nov 26, dxldyg via DX LISTENING DIGEST)

\*\* RUSSIA. Voronezhskaya oblast. Information from the Comintern Radio:  
"The power, which is now working station named. Comintern, about 1000 carrier mode in watts and about 3000 watts peak. But only if the earlier year ago, I reached about the same with an anode voltage of about 3,000 volts, OSD 730 volt -200 volt bias, but now, in the past two months, I reach the same at the same voltage anode 3,000 volt, and the screen 630 volt -160 volt bias. More occasionally there are times when you have to fix the main amplifier 2 SU-81m, is working on a backup amplifier 4 SU-50 with common grids, power of about 350 watts. Sincerely, Sergei, the city Rossosh, Voronezh region." (Forward Dmitry Kutuzov, Ryazan, Russia / "deneb-radio-dx", via RusDX Nov 30 via DXLD)

6990, Mezinardne Radio (?), 1320 with lively Russian song then with talks, Nes [news?] at 1335 weather at 1357 and ID at 1400 and continued past 1400 + I can suppose which is the station but dont remember the station name (Zacharias Liangas, Thessaloniki, Greece, Nov 27, DX LISTENING DIGEST) Komintern

Ascoltata per la prima volta. Venerdì 27 novembre 2015, 1447 - 6990, KOMINTERN R. - Mx popolare russa non stop. IN-SF +++ SEGNALE-SIGNAL: IN - Insufficiente-Poor, SF - Sufficiente-Fair (SWL I1-0799GE, Luca Botto Fiora, QTH Rapallo (Genova) - Italia, G.C. 44 21' 06.89" N / 09 13' 30.94" E, bclnews.it yg via DXLD)

Good signal of Comintern Radio on December 2  
1430 & 1458 on 6990 VOR 001 kW / non-dir to EaEu Russian  
<http://swldxbulgaria.blogspot.bg/2015/12/good-signal-of-comintern-radio-on.html>  
73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Dec 1-2, dxldyg via DXLD)  
VOR = Voronezh, not Voice of Russia

\*\* RUSSIA. Yakutia ----- On the tender for the right to carry out terrestrial broadcasting using specific radio frequencies by January 27, 2016  
[http://rkn.gov.ru/docs/1S00BSHHENIE\\_o\\_provedenii\\_01.2016\\_pul\\_Krym.rtf](http://rkn.gov.ru/docs/1S00BSHHENIE_o_provedenii_01.2016_pul_Krym.rtf)

The subject of the contest 8: the right to conduct broadcasting using terrestrial radio frequencies - the implementation of terrestrial analogue broadcasting, Yakutsk (para transmitter installation - with. Tulagino), the Republic of Sakha (Yakutia), 7295 kHz, 250 kW;

Terms: broadcasting time [presumably local, whatever that is] - 'Mon.- Fri.: from 06.00 to 09.00; from 12.00 to 14.00; from 18.00 to 21.00; Sat, Su .: 07.00 to 14.00; from 18.00 to 21.00 "; broadcasting concept - "cultural and educational." One-time fee - 250 000 rubles., The size of competitive fee (2%) - 5 000 rubles;

Subject of the competition 9: The right to exercise terrestrial broadcasting using radio frequencies - the implementation of terrestrial analogue broadcasting, Yakutsk (para transmitter installation - with. Tulagino), the Republic of Sakha (Yakutia), 7345 kHz, 100 kW;

Terms: broadcasting time [presumably local] - 'Mon.-Fri .: from 06.00 to 09.00; from 12.00 to 14.00; from 18.00 to 21.00; Sat, Su .: 07.00 to 14.00; from 18.00 to 21.00 "; broadcasting concept - "cultural and educational." One-time fee - 250 000 rubles., The size of competitive fee (2%) - 5 000 rubles (via Victor Rutkowski, Ekaterinburg, Russia / "open\_dx" via RusDX Nov 30 via WORLD OF RADIO 1802, DXLD)

Most of the info in RusDX is now about domestic FM broadcasting, mostly skipped here, but above alleges SW services are paying big rubles for the privilege to (re) start in Yakutsk (Glenn Hauser, WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* RUSSIA. Would you believe that Voice of Russia is still on SW? HFCC still has a bunch of imaginary registrations for B-15, including 1100-1300 in DRM from Irkutsk on 12035. And mostly non-DRM all over other bands from 6 to 17 MHz (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* RUSSIA: see also WORLD OF HOROLOGY

\*\* SARAWAK [non]. 9835, Sarawak FM, 1418, marginal at best, talks, QRM FSK on 9836 and some QRM from CNR 9825 of S10 (Zacharias Liangas, Thessaloniki, Greece, Nov 26, DX LISTENING DIGEST)

\*\* SARAWAK [non]. PHILIPPINES, Frequency change of Radio Free Sarawak, November 26  
1030-1200 NF 15420 PUG 250 kW / 280 deg to SEAs Iban Mon-Fri, ex 15425  
The new frequency was confirmed via SDR units in Hong Kong and Manila.  
<http://swldxbulgaria.blogspot.bg/2015/11/frequency-change-of-radio-free-sarawak.html>  
(Ivo Ivanov, Sofia, Bulgaria, Nov 26, dxldyg via WORLD OF RADIO 1802, DX LISTENING DIGEST) Still active; had not been reported lately (gh)

\*\* SAUDI ARABIA [and non]. /ETHIOPIA, 7240, Extreme strong signal S=9+40dB on remote SDR post in Doha Qatar, of BSKSA Riyadh heard again today Nov 25 from 13 UT, HQ prayer in Arabic and later change to Persian language program, which requested usually from 1500 UT instead. Nearby on lower side noted QRM whistle tone of

7236.372 kHz fingerprint narrowed - the Ethiopian station always wanders up and down 20-30 Hertz. Scheduled Radio Ethiopia in Arabic in 14-15 UT slot, from Addis Ababa-Gedja site. Noted at 1405 UT on Nov 25 (Wolfgang B,schel, Nov 25, wwdxc BC-DX TopNews 27 Nov via DXLD)

\*\* SOLOMON ISLANDS. 9545, SIBC, Honiara. Very weak signal at 2350 with chat show programming. Usually not heard at this time here but later after 0400, so a rare opportunity to catch it due to a local power outage, 12/11 [Nov] (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Double Bazooka antennas for 80 and 40 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU, Dec Australian DX News via DXLD)

\*\* SOMALILAND. 7120, Nov 29 at 1327, very poor but constant AM carrier, lite CW QRhaM, no doubt R. Hargeisa intruder by long-path across the Indian and Pacific Oceans; nominally in English during the middle third of this hour only (Glenn Hauser, OK, DX LISTENING DIGEST)

7120, R. Hargeisa (presumed), 1520, Dec 1. HOA music; language seemed right to be Somali; poor/fair; CW QRM; just after my local sunrise. Only start to get audio here about 1345; they are still off the air daily 1400-1500.

<https://app.box.com/s/ycxw1pbbrjhh0gv2iuu5jii9jmeo4sww> contains my audio (poor/fair quality) of HOA music (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

\*\* SOUTH CAROLINA [non]. 11825, WRMI Radio Miami Int'l presumed; 1605, 25-Nov; Bro. HyStairical using exhortation "Come on people" and on verge of blowing a gasket. He's used this a lot lately; maybe the Coming is nigh --- or not. S20 peaks (Harold Frodge, Midland MI, USA, Drake R8B + 125 ft. bow-tie; 60 ft. RW & 185 ft. center-fed RW, All logged by my ears, on my receiver, in real time! DX LISTENING DIGEST)

\*\* SPAIN [non]. Spanien/Deutschland: Radio Mi Amigo hat zwei Sondersendungen zu Weihnachten angekündigt:  
0900-1300: 6005 und 7310 (Kall DE 1 kW) 24.+25.12. Uhr Weltzeit

Bitte schickt uns Eure emails mit Gröfen zu Weihnachten und/oder Musikwünschen mit einem speziellen Lied aus der Zeit der Seesender (kann natürlich auch ein Weihnachtslied aus der Zeit sein) bis zum 6.12.2015 an: [info@radiomiamigointernational.com](mailto:info@radiomiamigointernational.com). Sagt uns auch bitte, an welchem der beiden Tage Ihr es gerne hören würden. Unter allen Einsendungen verlosen wir auch hier ein Radio Mi Amigo Souvenirpaket. Natürlich bleiben die Abendprogramme an beiden Tagen wie gewohnt, und auch die Wochenendsendungen am 26.12. und 27.12, schaut dafür einfach auf unser Programmschema auf unserer Webseite. (Radio Mi Amigo)

Radio Mi Amigo nach eigenen Angaben

<http://radiomiamigointernational.com/english/sw-schedule.html>

seit 14. November 2015 folgenden Programmplan über das Sendezentrum

Kall:

#### Montag-Freitag

1600-1700: 6005 Mo Bruno Hantson/Bruno's Soulbox (Englisch), Di Good evening Europe - Paul Newman (Englisch) feat. Radio Mi Amigo charts from the 70s, Mi Good evening Europe - Cpt. Kord (Deutsch) feat. RNI charts from the 70s, Do Good evening Europe - Lion Keezer (Niederl&ndisch) feat. the Radio Caroline all-time Top 500, Fr Paul Graham/The weekend starts here (Englisch) 'Good music and tasteful chatter'

1800-1900: 3986 Programm wie 1600

#### Samstag

0700-0900: 6005 Ton Polderman/Ook Goeie Morgen (Niederl&ndisch). 0800 Ron OiQuinn (Englisch), 14.11. ex Patrick Vijfhuizen (Niederl&ndisch)

0900-1300: 6005 9560 Mike Uhini/Rewind-US Top 100 (Deutsch). 1100 Cpt. Kord/Flashback - the best from the past (Deutsch). 1200 Peter de Wit/Schoon Schip (Niederl&ndisch)

#### Sonntag

0700-0900: 6005 Bruno Hantson/Bruno's Soulbox (Englisch) feat. the best of Soul Classics. 0800 Lion Keezer>Hello to the world (Niederl&ndisch)

0900-1100: 6005 9560 Paul Newman (Englisch) including the 'Listener All Time Top 5'. 1000 Jeffrey Williams/Jeffrey's Stenen Tijdperk (Niederl&ndisch)

1100-1300: 7310 9560 Bruno Hantson/Bruno's Soulbox (Englisch). 1200 Lion Keezer>Hello to the world (Niederl&ndisch)

1300-1500: 7310 Paul Newman (Englisch). 1400 Jeffrey Williams/Jeffrey's Stenen Tijdperk (Niederl&ndisch) Uhr Weltzeit (+1=MEZ) (Dr. Hansj&rg Biener)(ntt aktuell Dezember 2015 (letzte Ausgabe nach 21 Jahren), Prof. Dr. Hansj&rg Biener, Neulichtenhofstr. 7, DE 90461 N, rnberg, Hansjoerg\_Biener @ yahoo.de, via DXLD)

#### Radio Mi Amigo Newsletter December 2015

Welcome to the Radio Mi Amigo International NEWSFLASH for December. Weekday Schedule change. As you may be aware, our recent weekday broadcasts at 17.00 CET on 6005 kHz are being severely compromised by The Voice Of Iran. Therefore, we decided to change our weekday schedule from this week as follows:

Monday to Friday:

14.00 CET (1300 UT) on 6005 kHz and repeated:

19.00 CET (1800 UT) on 3985 kHz

#### FESTIVE TOP 5

How would you like your Festive Top 5 played on Radio Mi Amigo International this month?

Email:

paulnewman@radiomiamigointernational.com



and listen out on Sundays to Paul Newman's Radio Shack to hear it between 10.00-11.00, repeated 14.00-15.00 CET. If your Top 5 is played, you'll receive some Radio Mi Amigo Christmas Goodies, but get in quick!

#### CHRISTMAS SCHEDULE

Make a date with us over Christmas. We're going to broadcast special Festive programmes (in addition to our normal run of schedule) on Thursday 24th and Friday 25th December from 10.00-15.00 CET on 6005 & 7310 kHz.

On the same evenings between 20.00-01.00 CET we will be repeating these programmes from our 1485 kHz medium wave service based in Riga, Latvia, so yet another chance for a nice bit of Festive DX! All programmes will be simultaneously broadcast online in stereo. Please see our Festive Schedule here:

<http://www.radiomiamigointernational.com>

(via Manuel Méndez, wbradio yg via WORLD OF RADIO 1802, DXLD

\*\* SRI LANKA. 9990, Nov 29 at 1427, song in uncertain language, jazzy YL with piano, until she's chopped off at 1430:04\*. How rude! HFCC shows it's IBB Farsi, ergo Radio Farda, 250 kW, 316 degrees via Iranawila at 1330-1430 (following 5 hours via Kuwait, same service) (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* SRI LANKA [and non]. 11905, Nov 28 at 0137, SLBC with S Asian songs, S7-9, much stronger than usual; I should have had an easy time copying the mis-timesignal at 0115+.

11905, Nov 29 at 0111:54 tune-in, as soon as Chaski is off, find JBA carrier here, but it's not SLBC, since its much stronger carrier cuts on at \*0114:10; adding modulation of two bits of music other than the one usually heard, 2+1 mis-timepips ending at 0115:16.5, and ``Sri Lanka Broadcasting Corporation`` YL sign-on in S Asian language: speech modulation is somewhat suptorted unlike the bit of music. Recheck at 0213, now it's a JBA carrier, so SLBC already off or not? The other 11905 from 01 is per HFCC, a 100 kW, 163 degree transmitter of CNR Beijing until 09 in Chinese.

11905, Dec 2 at \*0114:14.5, SLBC JBA carrier on, music prÉlude from 0114:48.5, mis-timesignal ending at 0115:17.5, sign-on (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* SUDAN. MPS DEMAND RADIO STATIONS TO COMPETE WITH RADIO DABANGA --- Dec 2

<http://allafrica.com/stories/201512021594.html>

Khartoum ó Members of Parliament have criticised the Ministry of

Information for failing to provide radio coverage in the states of Darfur, Blue Nile, and South Kordofan, "leaving the field to Radio Dabanga". The Minister announced the production of 20 radio stations for these states.

They also accused the Ministry of failing to respond to accusations in the media that Sudan receives every day. MP El Nur Dali, said that the "Sudan People's Liberation Movement has been able to attract large numbers of sons [rebel fighters] from Blue Nile state because of Radio Dabanga".

Another MP, Ragab Mohamed Ragab said that foreign media "is daily confronting us and is committing media genocide".

#### New radio stations

Information Minister Ahmed Bilal Osman acknowledged that there are gaps in radio and television coverage. He told Parliament that there are 20 new FM radio stations that will be directed to the states of Darfur, Blue Nile and South Kordofan in Arabic and local dialects.

In an interview with Radio Dabanga, a citizen said that this station represents "a reference for all the Sudanese, especially the vulnerable and the marginalised... They are seeking truth and credible media that express their issues and problems, in the light of the state media's loss of credibility and professionalism."

Radio Dabanga broadcasts in shortwave to the whole of Sudan and neighbouring countries. Satellite broadcasts are confined to the larger cities [sic] (via JosÉ Miguel Romero2, dxldyg via DXLD)

Apparently new story but reads an awful lot like previous ones; no axion yet? And I say again, satellite broadcasts would not be ``confined`` to larger cities, unless with very narrow spot beams, surely not (Glenn Hauser, DXLD)

\*\* SUDAN SOUTH [non]. USA(non), Voice of America "South Sudan in Focus", November 24

1630-1700 11900 MEY 100 kW / 020 deg SDN English Mon-Fri, fair/good

1630-1700 13865 WOF 300 kW / 135 deg SDN English Mon-Fri, no signal

1630-1700 15180 SMG 250 kW / 145 deg SDN English Mon-Fri, no signal

<http://swldxbulgaria.blogspot.bg/2015/11/voice-of-america-south-sudan-in-focus.html>

(DX RE MIX NEWS #928 from Georgi Bancov and Ivo Ivanov, Nov 30, 2015 via DXLD)

\*\* SWEDEN. R Nord Revival and SDXF via Sala, Sweden, Sat 28 Nov

Tomorrow Saturday Nov. 28 we are on the air with Radio Nord Revival 1100-1200 UTC and 1200-1300 UTC a special programme from SDXF The Swedish DX Federation on 6060 kHz. Replays at 1700-1900 UTC on 6105 kHz. (Söndningar alltså morgon lördag 1200-1400 svensk tid på 6060 kHz samt repris 1700-1900 svensk tid på 6105 kHz). (Ronny B Goode on Radio Revival Sweden Facebook, 27 Nov, via Alan Pennington, Nov 27, BDXC-UK yg via DXLD)

Swedish DX Federation via Radio Nord Revival, Nov 28:  
1202-1303 6060 SAL 100 kW / non-dir WeEu Swedish in LSB, and repeated 1800-1900 6105 SAL 100 kW / non-dir WeEu Swedish in LSB, QRM CRI 6100  
<http://swldxbulgaria.blogspot.bg/2015/11/swedish-dx-federation-via-radio-nord.html>

Radio Nord Revival via Sala, bad frequency selection on November 28  
1100-1200 6060 SAL 100 kW / non-dir WeEu Swedish in LSB, not recorded  
1700-1800 6105 SAL 100 kW / non-dir WeEu Swedish in LSB, QRM CRI 6100  
<http://swldxbulgaria.blogspot.bg/2015/11/radio-nord-revival-via-sala-bad.html>  
-- 73! (Ivo Ivanov, Nov 28, dxldyg via DX LISTENING DIGEST)

Does Sala really have a 100 kW transmitter??? (gh, DXLD)

6105, Radio Nord Revival, Sala, 1801-1850, 28-11, comments in Swedish, songs. Strong interference from CRI with program in English on 6100. 32332 (Manuel Méndez, Lugo, Spain, Logs in Lugo, Tecsun PL-880, Sony ICF SW 7600 G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

Before the hurricane "Gorm" will arrive here tonight, I send you the latest loggings, heard on my AOR AR7030PLUS with 28 metres of longwire partly laying on the ground and covered by snow!

6060.00, AM+LSB, 1200-1240 Sat 28.11, R Revival, Sala. The monthly DX-programme from the Swedish DX-Federation mostly in Swedish, 1200 English ID, Christer Brunström about stamps from Mongolia, Moritz Saarman with Letterbox, mentioning many reports. After 7 minutes a technical problem arose and the first 7 minutes of the Letterbox were broadcast again! 45434 (Anker Petersen, Denmark, via Dario Monferini, playdx yg via DXLD)

\*\* SYRIA [and non]. In connection with the Washington Post article reported in the previous DXLD, please note that Islamic State has published a map showing where its Al-Bayan radio network has outlets. The map is at  
<http://s04.justpaste.it/files/justpaste/d262/a10363869/543.jpg>  
It shows the following outlets:

IN SYRIA: Raqqah province on 99.9 FM, Aleppo province on 86.8 FM, Al-Hasakah on 92.2 FM, Deir ez-Zor (Dayr al-Zur) on 96.8 FM.

IN IRAQ: Nineveh province on 92.5 FM, Fallujah province on 88.9 FM, Al-Furat on 99.9 FM and Al-Jazirah on 99.9 FM.

IN LIBYA: In Tripoli province on 94.3 FM.

The map also shows the planned location of future outlets (no frequencies given) in Iraq and Syria (a reliable source, Nov 30, DX LISTENING DIGEST)

\*\* TAIWAN. Gallery of 20 years of RTI pennants and stickers:  
<http://events.rti.org.tw/French/special/flagandlabel/indexgeneral.htm>  
and its predecessors and sibling stations  
(via Juan Franco Crespo, DXLD)

\*\* TAIWAN [non]. Good reception of PCJ on 11580 today --- Hi All, In spite of starting 11 minutes late, the PCJ Radio's 'Rockin with Raoul' programme came through quite well here this week on 11580 kHz, and was very enjoyable. Propagation seemed vastly improved on last week, and held up well right throughout the broadcast, with just some slight QRM from another speech based station underneath, which I couldn't identify, or find any listing for. What a pity there won't be any more of them! :-( (Alan Gale, UK?, Nov 28, dxldyg via DX LISTENING DIGEST)  
Was supposed to be 0900-1000 UT on WRMI (gh)

And excellent signal here in New Brunswick, as expected. Yes, there was almost exactly 11 minutes of dead air before the PCJ IS began at 0911:00 UT except for a few brief seconds of Bro. Stair where somebody was clearly testing and trying to discover why the audio of Raoul's program wasn't getting to the transmitter. Program recorded off air and will be archived for posterity (-- Richard Langley, ibid.)

\*\* TAJIKISTAN [and non].  
CHINA vs TAJIKISTAN CNR-2 vs Voice of Tajik on 7245 kHz, Nov 26:  
1300-1400 on 7245 BEI 150 kW / non-dir to EaAs Chinese CNR-2  
1300-1400 on 7245 DB 100 kW / non-dir to CeAs English Voice of Tajik  
<http://swldxbulgaria.blogspot.bg/2015/11/cnr-2-vs-voice-of-tajik-on-7245-khz.html>  
(Ivo Ivanov, Sofia, Bulgaria, Nov 26, dxldyg via DX LISTENING DIGEST)

\*\* THAILAND [and non]. 13744.97, Nov 28 at 0122, R. Thailand is very poor, S4 in Thai. Hope it was better during preceding semihours in English. RHC is still on 13740 but weak enough at only S9 not to be a problem (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* THAILAND, 8743-USB, Bangkok Meteorological Radio, 1311, Dec 2. In English; marine weather for shipping; address given "Telecommunication and Information Technology Bureau, 4353 Sukhumvit Road, Bangna District, Bangkok, Thailand 10260." My audio (good quality) at

<https://app.box.com/s/ugjx05qy5ezyylw0wais1jd77lyx61bg>  
(Ron Howard, Asilomar State Beach, CA, EtŮn E1, antenna: 100' long wire, dxldyg via WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* TIBET. 5935, CHINA, PBS Xizang ñ Baiding (Presumed), 1122, 11/26/15, in Mandarin. Apparent radio drama or story with one man speaking stridently with second speaking over, then 2nd continuing, crowd sound effects into music. Fair (Mark Taylor, Madison, Wisconsin, Perseus, SDRPlay, Eton e1, Grundig Satellit 800, Sangean 909X with clear mod, Tecsun PL 660 and various other portables; 40 meters dipole, 100i long wire, Flex antenna, NASWA Flashsheet via DXLD)

So, WWCR was not audible on 5935? (gh, DXLD)

\*\* TURKEY. 12035, Nov 29 at 1329 tune-in, no signal from VOT: here we go again, late closing on 17755 following German. 12035 cuts on at \*1329.6 with last bit of IS and ID in English, 1330 accurate timesignal and opening English, but too poor to copy at S3 (Glenn Hauser, OK, DX LISTENING DIGEST) See also RUSSIA: 12035

"Voice of Turkey". By the way, apparently the funding they cut. QSL received from the French and Spanish edition in the same envelope. Earlier meet separately. Russian edition is self-writes (Vladimir Rozhkov, Krasnoyarskiy kray, Russia / "deneb-radio-dx" via via RusDX Nov 30 via DXLD)

I Got QSL-cards with the English edition of Voice of Turkey. 10.10.105 [is that supposed to be a date?] / 1230-1325 / 15450 kHz View card: [http://rusdx.blogspot.ru/2015/11/blog-post\\_28.html](http://rusdx.blogspot.ru/2015/11/blog-post_28.html)

By the way all the different editions of cards, according to the same handwriting fills one employee. Perhaps it is in the technical department of the radio station. With the Russian edition no longer receive letters (Anatoly Klepov, Moscow, Russia, QSL-World, RusDX Nov 30 via DXLD)

\*\* UKRAINE. Strong signal of Radio Broadcasting Ukraine World Service 1700-2100 on 1431 SMF 800 kW / 055 deg to RUSS Russian, Nov.29 <http://swldxbulgaria.blogspot.bg/2015/11/strong-signal-of-radio-broadcasting.html> -- 73! (Ivo Ivanov, B'lgariya, dxldyg via DX LISTENING DIGEST)

\*\* U A E [and non]. 17640.14, Nov 27 at 1424, very poor carrier, typical of Saudi Arabia offset, but no, this time it's BBC Hausa at 1400-1430 only, via UAE, another site known for failing to maintain frequency accuracy.

17705.01, Nov 27 at 1424, S9+10 in Arabic, this BSKSA frequency is close to accuracy (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U K. Notice of Interruption - MSF 60 kHz Time and Frequency Signal

3 December 2015 --- The MSF 60 kHz time and frequency signal broadcast from Anthorn Radio Station will be shut down on Thursday 10 December 2015 from 1000 to 1400 UTC. The interruption to the transmission is required to allow maintenance work to be carried out in safety. If you require any additional information, please contact us at:

communications@npl.co.uk

Or alternatively please see our website:

<http://www.npl.co.uk/time>

Posted by: (Mike Terry, BDXC-UK yg via DXLD)

\*\* U K. 5450-USB, Dec 2 at 0626, robo-YL with VOLMET, thought it might be Shannon but EiBi listed as RAF; sounds similar (Glenn Hauser, oK, DX LISTENING DIGEST)

\*\* U K. Re: BBC World Service gets funding boost from Government --- WS Director Fran Unsworth has blogged about this: More about the funding boost for BBC World Service. . .

<http://www.bbc.co.uk/blogs/aboutthebbc/entries/a082f79d-30cf-4c78-a886-0e65f460b9f5>

(via Chris Greenway, UK, dxldyg via DXLD)

\*\* U K. BBC RUSSIAN CHANNEL LAUNCHES ON TELEGRAM MESSENGER

<http://www.bbc.co.uk/mediacentre/latestnews/2015/bbc-russian-telegram>

With its special focus on speed and security, Telegram gives us an opportunity to broadcast to the many people who use this messaging app.

Artyom Liss, Editor, Europe, BBC World Service Languages --- Date: 24.11.2015 Last updated: 24.11.2015 at 16.01 Category: World Service

BBC Russian is now available as a dedicated channel on the free cloud-based mobile and desktop messaging app Telegram. Twice a day, the new BBC Russian news channel on Telegram brings users key stories from [bbcrussian.com](http://bbcrussian.com).

Editor, Europe, BBC World Service Languages, Artyom Liss, comments: iWe are really happy to be adding Telegram to the ever-growing list of platforms on which we reach our audiences. With its special focus on speed and security, Telegram gives us an opportunity to broadcast to the many people who use this messaging app. It is very exciting to be able to deliver the day's best content to this new audience.î

The BBC Russian channel on Telegram messenger is available on smartphones and tablets running iOS, Android and Windows Phone; on

desktop and laptop devices on Windows and Mac OS, as well as through browser extensions.

To subscribe to the BBC Russian channel on Telegram, go to [telegram.me/bbcrussian](https://telegram.me/bbcrussian) or search for the username @bbcrussian within the app on devices supporting Telegram messenger.

The availability of BBC World Service's languages content on Telegram is the latest in the BBC's expansion into the world of messaging apps. BBC Persian already has over 160,000 subscribers on Telegram, while other language services are also available on LINE, WeChat and Viber with more to follow.

Around 5.5 million people use the BBC Russian content every week (2015). The website [bbcrussian.com](http://bbcrussian.com) offers a rich content of international and national news and analysis, bespoke video news bulletins and pieces, live and on-demand audio, interactivity and reports - bringing global stories to the Russian-speaking audience and putting Russian and regional stories in a global context.

The [bbcrussian.com](http://bbcrussian.com) news content is available via BBC Russian apps developed for Android smartphones, iPhone and iPod touch, and Nokia's Series 40 devices. BBC Russian connects with its audiences via Facebook, Vkontakte and Twitter. BBC Russian is part of BBC World Service. LN2 (via Dr Hansjoerg Biener, Nov 27, DXLD)

\*\* U K [non]. 9740, Nov 29 at 1427, no signal from anything, despite lots of other frequencies with E Asian stations. This used to be a major BBCWS channel via Singapore. Now in HFCC I see it's on from 10 to 14 UT only, ceding 9740 to RBA after 1400 --- but it's not on there either, QSYed (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. 1750, WH2XDE/3, Wayland, MASSACHUSETTS, Nov/28/15, 0117 EST [0617 UT] English, Modulated Morse Code, Part 5 Experimental Ham Station operated by Warren - K2ORS with 60 Watts of Power. TESTING in slow speed Modulated Morse Code with ID Loop as - "WH2XDE/3 FN42SI Wayland MA". RELOG, 60 Watts. Heard an Experimental Part 5 Ham Station testing on 1750 kHz --- ALMOST AM BCB!! RECEIVER for AM/HAM, ELAD FDM-S2 SDR. ANTENNA Homebrew 2 1/2 Foot Tuned Box Loop. 73 ROB VA3SW (Robert S. Ross, London, Ontario CANADA, ODXA? via DXLD)

\*\* U S A. DX Tip: 2640 kHz (880 x 3) WIJR Harmonic --- For those interested in MW harmonics, there's intermittent harmonic being heard right now on 2640 kHz from 880 WIJR Highland, IL. Very strong here and spewing wideband junk all over the 120 meter shortwave band when it cuts in. Jumping to 880, I hear no sign of WIJR, which I need! Frustrating! Happy Holidays all, (Tim Tromp, West Michigan, 1304 UT Nov 27, IRCA via WORLD OF RADIO 1802, DXLD)

\*\* U S A. 3237.0-USB, Dec 2 at 0154, discussion of displays, RFI, with abbr'd calls including NGI, THN, and strongest TX3, all given fonetikaly; presumably a MARS net, but no time to keep with it (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. 3299.0-USB, UT Tue Dec 1 at 0138, AF MARS net, at first VG signal from AFA4PM calling SEM1 (net designator, all fonetikally), asking if there are any relays; reply from AFA4NC, a YL voice, ``concluding initial roll call at 0138z``. Next station heard: AFA4IX. This sounds familiar: Google search on AFA4PM MARS leads back to previous logs of mine such as in DXLDs 14-09 and 15-42 recently, with AFA4PM in Tennessee, and last January on 3299.5-USB instead (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. 3420.05 (1710x2) W807 [pirate] Harmonic --- New log tonight, 12/1/2015 at 2351 UT, a harmonic being heard on 3420 kHz from presumed Chicagoland pirate "W807 Geo Research Rock Radio" (1710 kHz X 2). Mostly just a fuzzy carrier but with occasional peaks to useful audio with ads for local businesses along Archer Avenue, weather prediction talk, etc. that are all familiar to the 1710 signal that is often heard here faintly overnight. 73, (Tim Tromp, West Michigan, Perseus SDR with N-S D-KAZ & E-W phased BOGs, dxldyg via WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* U S A. 6220.0, Dec 1 at 0106, surprisingly strong S9+10 signal of ranchera music from WMDB, 880, Nashville, as relayed by WNQM, 1300, as transmitted spuriously by WWCR 7520, minus 1300 kHz. At this time, 7520 itself is only S9, as falling MUF is getting past it but not yet to 6.2 MHz. Well, the 10 over 9 signal on 6220 includes some utehash QRM and does fade down soon (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. 7302-USB, Nov 29 at 1352, Air Force MARS net, two stations heard fonetikally being AFA6AC and AFE6VC. Top Google hits on the first call all lead to hex color codes! Adding MARS to search terms reduces to only 7 hits, none of them any good. Top hits on second call lead to US license plates! Adding MARS to that gets three relevant hits including this, mostly templates and instruxions, but not the info I seek:

<https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=0ahUKEwiehp6onrbJAhXI6yYKHW95DfsQFggdMAA&url=http%3A%2F%2Fwww.marsregionone.org%2FNW-Area%2FForms%2FNet-Log-V-08-15-2015-Build-001-NW-D.xls&usq=AFQjCNFysCHG9ncY3X2MXxtA4dKboScsXw&bvm=bv.108194040,d.eWE&cad=rja>

The CS tab for callsigns does not list either of the above, but includes some Navy and Army MARS calls. The brief info in the hit does



indicate that AFE6VC is in Texas. Another hit as of 1/1/13 has AFE6VC as a Vacant call, among many others (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. 7615.00-USB, Nov 28 at 0220, very formal net with YL NCS strong, asking others to making general calls, those very weak. Calls mentioned sounded like Broadway 51, 0222 Treadway 19, then announces net is moving to NNB (fonetikaly), and that announcement also repeated by others. I think it must be TRIBLADE, i.e. CAP (Civil Air Patrol), as in this similar log:

<http://forums.radioreference.com/utility-listening/304074-7615khz-usb-0200utc.html>  
And which I also logged on other frequencies in DXLD 15-33 (7416) and 15-05 and 14-51 (14902). There are several more CAP logs in the DXLD 2014y archive (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. UNKNOWNIA: 6080, VoA with English "International Edition" programme including mention of Hilary Clinton's & Donald Trump's reaction to ISIL attacks (aren't there other candidates?), an item about trophy hunting in Africa and new rules in the US and an interview with C/W artist Chris Young. Into an editorial representing the 'official' US view, this one about Tunisia, which, for the record, the US is supportive of having a democratically elected government there. 4+4+54+4 with slop from a jammer on 6075 causing issues occasionally. VoA lists this as via S,,o TomÉ, but it seemed AWFULLY strong, more like it was off the back of Greenville's beam. 0640-0700\* ABRUPTLY off at ToH, 20 Nov with Heath SB310 & ccrane skywave [11/25 Aoki shows it as S,,o Tome & 11/23 EiBi as Greenville] (Ken Vito Zichi, Williamston MI, MARE Tipsheet 28 Nov via DXLD) As I have already reported, confirmed as Greenville at +0630-0700 only (Glenn Hauser, DXLD)

6080, Nov 27 at 0619, good open carrier, with some stray Cuban pulse jamming audible under, no doubt Greenville about to start the substitute 0630-0700-only VOA English service (Glenn Hauser, OK, DX LISTENING DIGEST)

15580, Nov 27 at 2132, VOA with VG strength, obviously Greenville, when I want to hear 'Music Time in Africa' at the Friday 2100 time unknown to Heather, but modulation is quite distorted and carrier wobbling slightly. I've notified them of the problem, which may be the least of what they are confronted with at GB, from aging equipment and understaffing. Anyhow, she includes a long interview rather than music until 2139.

15580, Nov 28 at 2130, VOA Greenville has been fixed with fine modulation and signal, but it's VOA One rock music of no interest on Saturdays (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. VOA Radiogram, November 28-29 --- I'm sure North Americans will want to be awake tomorrow morning at 4:30 am EST, or earlier in more westerly time zones, for this weekend's first VOA Radiogram.

VOA Radiogram transmission schedule

(all days and times UT):

Sat 0930-1000 5865 kHz

Sat 1600-1630 17580 kHz

Sun 0230-0300 5745 kHz

Sun 1930-2000 15670 kHz

All via the Edward R. Murrow transmitting station in North Carolina.

Feed the strange noises to your PC and decode the text and images using Fldigi. Or to your Android device, using TIVAR. The text will often decode perfectly in conditions where voice content may be unintelligible. Details of this weekend's show:

VOA Radiogram, 28-29 November 2015: T<sub>urk</sub> and more QR codes

<http://voaradiogram.net/post/134063807952/voa-radiogram-28-29-november-2015-t%C3%BCrk-and-more>

(Kim Elliott, DC, Nov 27, dxldyg via DX LISTENING DIGEST)

Is there anything for iPhones? I have a computer, but no way to direct connect it to my computer. I could record audio on my phone and download to my computer, would that work? (Paul Walker, *ibid.*)

No app for iPhones yet. Yes, you can record VOA Radiogram, then decode it later from the recording. "Acoustic coupling" also works: place the radio's speaker near the built-in mic of a laptop PC. And try to minimize other noise in the room! (Kim Elliott, *ibid.*)

I'm in Arkansas, so reception should be a piece of cake; I will give this a try (Walker, *ibid.*)

I usually catch the Sunday afternoon broadcast on 15670 kHz (Glenn Blum, somewhere, *ibid.*)

Am 27.11.2015 um 17:07 schrieb VOA Radiogram:

``The only advantage of the QR codes that I can think of is that scanning the QR code is a slightly quicker way of accessing a web page than copying and pasting the URL. The plain-text URL, however, enjoys the advantage of error correction. Maybe future software can open a selected URL in a browser.``

I think the current broadcast of QR codes in MFSK-32-pic-mode makes no sense. Another mode should be used - a file transfer of 1:1. Then you can reduce the images to a minimum safe size.

For file transfer could be used EasyPal, or a text-based variant in FLDIGI. Binary b64-encoded image files could then be transferred in MFSK-32 TXT mode (with error correction) as here as WRAP:  
[http://www.rhci-online.net/radiogram/VoA\\_Radiogram\\_2015-06-20.htm#flwrap](http://www.rhci-online.net/radiogram/VoA_Radiogram_2015-06-20.htm#flwrap)

For images without major requirements (for weak signals) analog SSTV versions are also very useful. Advantages over MFSK32-pics:

- automatic slant correction
- never seen: inverted color areas
- never seen: shifted image surfaces

Transatlantic low level SSTV, like last night:

[http://www.rhci-online.net/radiogram/VoA\\_Radiogram\\_2015-11-28.htm#wolverine](http://www.rhci-online.net/radiogram/VoA_Radiogram_2015-11-28.htm#wolverine)

Bad news for Dutch shortwave listeners:

[http://www.rhci-online.net/radiogram/VoA\\_Radiogram\\_2015-11-28.htm#KBC](http://www.rhci-online.net/radiogram/VoA_Radiogram_2015-11-28.htm#KBC)

And here the main story, the ionosphere did a good job

[http://www.rhci-online.net/radiogram/VoA\\_Radiogram\\_2015-11-28.htm#VOA](http://www.rhci-online.net/radiogram/VoA_Radiogram_2015-11-28.htm#VOA)  
(roger, Thayer, dxldyg via DXLD)

\*\* U S A [non]. R Liberty in Turkmen heard with very strong signal on 12045 kHz Sat 28 Nov from tune-in at 1425 until 1437 on unscheduled 12045. Transmitter cut abruptly at 1437 and resumed with same strong signal on scheduled 12055. Signal then faded to almost inaudible under noise at 1442 UT (maybe correction of antenna bearing?) (Alan Roe, Teddington, UK, dxldyg via DX LISTENING DIGEST) Biblis, GERMANY site

\*\* U S A [and non]. WORLD OF RADIO 1801 monitoring: UT Fri Nov 27 0200 cannot pull any signal at all from WBCQ on 9330-CUSB, but maybe it's still on and not propagating to here, or skipping over. I asked if anyone else was hearing it, but no replies. Other WBCQs, 7490 BS rather weakened, but 5109.7 OK. Next:

Fri 2130 WRM 15770 to NE

Fri 2130.5 WRM 7570 to NW

Sat 0730 HLR 7265-CUSB to SW

Sat 1530 HLR 7265-CUSB to SW

Sat 2030v WAORCR 1860-AM ND?

Sun 0415v WAORCR 1860-AM ND?

Mon 0400v WBCQ 5110v-CUSB Area 51 to WSW

Mon 0430 WRM 9955 to SSE

Tue 1200 WRM 9955 to SSE

Wed 1415.5 WRM 9955 to SSE

Wed 2200 WBCQ 7490v to WSW

WORLD OF RADIO 1801 monitoring: confirmed Friday November 27 at 2130 on WRM 15770, sufficient. However, at 2130.6 on WRM 7570, it's WOR #1800 --- it seems I missed uploading the new file to System F at

Okeechobee; my fault. Which means the Thu 2100 airing on 7570 was also the old one. (As my error rate climbs despite my best efforts, it may be time to retire?) Now #1801 is ready to go on System F should there still be any need for it. Next:

Sat 0730 HLR 7265-CUSB to SW  
Sat 1530 HLR 7265-CUSB to SW  
Sat 2030v WAORCR 1860-AM ND?  
Sun 0415v WAORCR 1860-AM ND?  
Mon 0400v WBCQ 5110v-CUSB Area 51 to WSW  
Mon 0430 WRMI 9955 to SSE  
Tue 1200 WRMI 9955 to SSE  
Wed 1415.5 WRMI 9955 to SSE  
Wed 2200 WBCQ 7490v to WSW

1860-AM, Nov 29 at 0136, WAORCR with item on the Electronic Communications Privacy Act (ECPA), clip of Benn Kobb; 0148 outro RAIN Report podcast. Good clear steady signal from Wentzville MO, but I am so engrossed in compiling this report that I forget to check for WORLD OF RADIO circa 0415.

WORLD OF RADIO 1801 monitoring: Next airings:

Mon 0400v WBCQ 5110v-CUSB Area 51 to WSW  
Mon 0430 WRMI 9955 to SSE  
Tue 1200 WRMI 9955 to SSE  
Wed 1415.5 WRMI 9955 to SSE  
Wed 2200 WBCQ 7490v to WSW

WORLD OF RADIO 1801 monitoring: confirmed starting a bit late UT Monday Nov 30 0406 on Area 51 webcast and WBCQ 5109.7-CUSB; also confirmed at 0430 UT Monday Nov 30 on WRMI 9955. Next:

Tue 1200 WRMI 9955 to SSE  
Wed 1415.5 WRMI 9955 to SSE  
Wed 2200 WBCQ 7490v to WSW

\*\* U S A [and non]. WORLD OF RADIO 1802 monitoring: ready for first broadcasts Dec 3:

Thu 1230 WRMI 9955 to SSE  
Thu 2100 WRMI 7570 to NW  
Fri 0200 WBCQ 9330-CUSB to WSW  
Fri 2130 WRMI 15770 to NE  
Fri 2130.5 WRMI 7570 to NW  
Sat 0730 HLR 7265-CUSB to SW  
Sat 1530 HLR 7265-CUSB to SW  
Sat 2030v WAORCR 1860-AM ND?  
Sun 0415v WAORCR 1860-AM ND?  
Sun 0900 WRMI 5850 to NW [NEW!]  
Mon 0400v WBCQ 5110v-CUSB Area 51 to WSW  
Mon 0430 WRMI 9955 to SSE

Tue 1200 WRMI 9955 to SSE  
Wed 1415.5 WRMI 9955 to SSE  
Wed 2200 WBCQ 7490v to WSW  
(Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. 5109.70-CUSB, Nov 26 at 2232, checking out the Pirate Joe Thanksgiving special that Larry Will notified us about on WBCQ, ``Lonesome Traveler`` song. Supposed to be on Area 51 webcast too, but no connexion there, some error message about java, which I don't normally get. Not really needed since 5109.7 signal is propagating well this early. 2245 says was Bill Boyd & Cowboy Ramblers with ``Tin Roof Blues``, on the Pirate Joe Country Music Show, Blues and R&B Extravaganza on WHVW 950 and WBCQ SW 5110. Then spends a few minutes hunting for info about the song, the year recorded, and back-announces some more, including ``Rock of My Soul``. 2251, Bob Wills, ``Red Hot Needle``; 2258 ``Dixie``, 2300 legal ID for both stations and into ``Evening Concert`` of classical music, background about first piece to be an Ignaz Moscheles piano concerto; sponsored by a life insurance agency. Very well, but all this does not seem to be about Thanksgiving in particular. Supposed to continue until 0100.

5109.70-CUSB, UT Fri Nov 27 after 0200 UT is again with new show `Just Right`, leading with background explanation by two guys conversing. Seems this was originally on the 6 kW, 94.9 MHz student station at the University of Western Ontario in London, CHRW, ``Your Cure for Corporate Radio``, but the GM banned them for anti-Islamic stance, which continues to be the main point of the broadcast now on SW courtesy of WBCQ. Refers to their website <http://www.justrightmedia.org> where there is a very large archive of this and previous broadcasts: ``Not right \*wing\* --- JUST RIGHT hosted by Robert Metz and Robert Vaughan`` with a very wide variety of subjects. Not part of Area 51, so something else is on the A51 webcast. This is audible while WOR on WBCQ 9330 is not ñ if we keep to that schedule, it'll be much better once winter is past.

9330, Nov 28 at 0115, WBCQ is certainly on tonite and propagating to the tune of S9+25, but it's Blalock the Blaster, so quick tune to the others with UT Sat's `Allan Weiner Worldwide`: 7490 is also S9+25, and 5109.7-CUSB running 29 seconds behind, is S9+30. Later in the hour he's explaining to a caller the different color TV systems, how the FCC first approved the CBS mechanical scan in the early 50's, but in a year replaced it with the RCA electronic system, which lasted until the DTV transition; also another way to fool the eye into seeing some color on black and white TV. Around 0215, 7490 seems to drop power and then go off; shortly later 5109.7 too, back on at 0219. Meanwhile I have been hearing terrible splash QRM from WRNO 7504.75 across 7490 and beyond. By 0233 check AWWW has concluded, BS is on 7490, and the

video game show on 5109.7, 'Grogcast' whose nominal timing is 0200-0300.

9330.0-CUSB, UT Sunday Nov 29 at 0220, find WBCQ is ON! While it was not an hour earlier, and didn't think anything was scheduled at this hour and day: monolog by an unID guy with continuous music bed, talking about HAVE GOALS (not Have Gold as I thought at first). He is a street artist in Milwaukee and suggests that shortwave enthusiasts should Google that name to see what he is talking about, a sticker with image of a girlchild's face and that slogan. It's 3 x 5 inches and black & white. His new gallery show is called ``Truth Be Told``. Says this will be broadcast 4 times, not online, no app for it [so better hear it now]. Mentions having a show made up of guns and knives he found in city sewers under Milwaukee: not sure if that is a previous or current show.

At 0229, ID as ``Have Goals World Service``; there were showcards at the gallery referring Milwaukee people to this SW broadcast. Have Goals started 5 years ago, and developed a subculture around it, overwhelmingly positive. He got the idea from the side of a train; is not profiting from this but hopes it makes people think about making something of their lives. By 0237 I realize we are into a repeat of what I was hearing when first tuned in.

Checked later, as expected, there is nothing about this on the WBCQ homepage, nor on the 9330 program schedule. You had to run across it, or find out from one of his showcards in Milwaukee (or tune in quickly once I posted about it on the DXLD yg --- did anyone else then hear it?) (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST) Reappeared 167, not 168 hours later (gh)

7489.84, Dec 1 at 0000, I'm tuned to WBCQ for the very last 'Ramsey's Roadhouse' program; fair signal but not enough to overcome local TV QRM on the R75. Preceded by a WBCQ content disclaimer presumably because of a sprinkling of naughty or swear words. First song is ``Dock of the Bay`` by Otis Redding, but show is more rambling by Ramsey than music. 0004 says it's #284, final edition from the Tippecanoe River in Indiana. Acknowledges a postcard of Louisiana symbols from Matthew Oglethorpe in Shreveport (any relation to TV DXer Danny Oglethorpe there?), and song played was at his request. Another PC about the Wizard of Oz.

New show starting next week, Dec 7 (UT Dec 8) at same time will be called 'Furthermore 29-54', derived from the 29:54 length of each program, allowing 6 seconds for an ID afterwards. Address is P O Box 717, Monticello, IN 47960 (another Monticello, to WBCQ's in Maine).

Hopes to keep getting help from John Carver in producing transitional

material as has done for past six years. Acknowledges that his show was mentioned by gh on WOR last week. He listens Wednesdays at 5 pm ET on 7490; really enjoys it. Just started SWling 8 years ago at age 62; finally, ``I think I understand Glenn Hauser``. Says he got a `new` FRG-7 receiver on E-Bay, but it's a POS on MW, after trying several different antennas. (Well, mine is fine on MW: were you aware that there is a separate antenna terminal for MW?).

0015 plays ``Paradise``, title? of bluegrass tune. Plugs WBCQ for getting your own show on the radio, as he did with Audacity and a mike; something about drag racing in Indiana; laments a couple of SWLs who passed away this year but I couldn't catch or recognize the names; and Ed Bolton of `Amos `n` Andy`; wrapup and finished by 0030. On the R-75 I first tuned to 7489.875, then 7489.865 sounded best, and finally 7489.840, so maybe WBCQ was drifting downward slightly. This in USB mode: I hardly ever listen in AM mode, as SSB is quieter and smoothes out the fading (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* U S A. Just wanted to let you know that our weekly Tuesday night ham radio show called Amateur Radio Roundtable is seen on w5kub.com at 8 PM central (0200 UT Wed). We bring in guests from around the world. We are also simulcasting our ham radio show on shortwave station WBCQ 9330 kHz from Monticello, Maine. We have changed shortwave stations. We were originally on WTWW [5085] but now have switched to WBCQ 9330. Thanks, (Tom Medlin W5KUB, Dec 2, WORLD OF RADIO 1802, DX LISTENING DIGEST) Variable length at least a sesquihour (gh)

\*\* U S A. 9955, Nov 27 at 2303, WRMI with ``Can-can`` music, introducing a `Happy Station` occupying this PCJ Friday hour, Keith Perron about his visit to Paris during a European tour; 2337 playing ``Bolero``. I gather this was produced well before the latest incidents, a happier time (Glenn Hauser, OK, DX LISTENING DIGEST)

WRMI Radio Miami International wrote on Facebook:

``30 November 2015 --- Frequency Change: 7455 to 7730 kHz

As of 0000 UT December 1, TruNews and all other programs on WRMI that have been broadcast on 7455 kHz will now be heard on 7730 kHz. This change is to avoid some radioteletype interference on 7455 kHz.

WRMI has previously used 7730 kHz for relay broadcasts of Radio Taiwan International to Central America. The Taiwan relay at 0300-0400 UT has recently been changed to 5985 kHz, thus freeing up 7730 kHz for use from 0000 to 0800 UT on our beam to Western North America with TruNews and other programs.`` Posted by: (Mike Terry, dxldyg via DXLD)

7730, Dec 1 at 0108, WRMI has reactivated this W00B channel and put

TruNews etc. on it, ex-7455 to get away from the RTTY QRM. Which has been there from before WYFR became WRMI a biyear ago, as I often noted, and couldn't understand why they didn't get off 7455 immediately.

Now 7730 is blasting in, S9+60, better than previous antenna for Latin America, which was moved to 5985. 7730 at 01-07 is WRMI-13 at 285 degrees, adding 00-01 & 07-08 on Mondays only for other programming.

I see another change in the frequency grid: WORLD OF RADIO on 5850, Sundays at 0900, WRMI-12 at 315 degrees across N America (and on to East Asia?). We had asked Jeff if he could get us back on 5850 to replace the Friday 2330 airing. [no show Dec 6 at 0900]

Also significant is rearranging the Radio France International relays in English on 11580 {as I had suggested}: now daily except UT Mondays at 0200-0300; and 11580 still also during the 0100-0200 hour on Wed/Fri/Sat only. These are aimed 44 degrees toward Europe, and unfortunately usually fade down/out here before 0200 (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST)

\*\* U S A. Altho WRMI refers to the 24-hour service on 9395, plus 5850 and 7730 at night, as ``TruNews``, it appears that TN is but one part, one program segment, altho the flagship, of this ministry, Son Power Radio:

<http://sonpowerradio.com/index.php/program/>

We do hear that name at certain times. It may not really matter, as it's all part of Rick Wiles' empire-building with a paranoid anti-government message. Tnx to roger for reference to the website, this particular page being the program schedule (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST)

Frequency change of WRMI Okeechobee tx #13 from December 1  
NF 7730 YFR 100 kW / 285 deg to WNAm

0000-0030 English, ex 7455 Mon AWR Wavescan  
0030-0100 English, ex 7455 Mon InChristWeLive  
0100-0700 English, ex 7455 Dly TruNews+other  
0700-0730 English, ex 7455 Mon InChristWeLive  
0730-0800 English, ex 7455 Mon AWR Wavescan

Other additional transmissions of WRMI Okeechobee tx #12 from Dec 1  
5850 YFR 100 kW / 315 deg to WNAm

0700-0900 English Sun Worship in Your Home  
0900-0930 English Sun World of Radio [sic; but Wavescan Dec 6 - gh]  
0930-1000 English Sun Viva Miami/FG Radio

<http://swldxbulgaria.blogspot.bg/2015/12/frequency-change-of-wrmi-okeechobee.html>  
-- 73! (Ivo Ivanov, Sofia, Bulgaria, Equipment: Sony ICF-2001D, dxldyg)



via DX LISTENING DIGEST)

\*\* U S A. 12105, Nov 26 at 1842, 1930 chex, S9+25 dead air yet again from WTWW-3 instead of Bibling. They must turn it on without bothering to hear if there is any modulation. Well, I wouldn't listen to it either, but can't help but run across it in bandscanning (Glenn Hauser, OK, DX LISTENING DIGEST)

5085, Nov 27 at 1347, surprised to find WTWW-2 on air, call-in to 973-506-8442, about the ``Montauk Chronicles``, interview with film-maker Christopher about alien abductions, etc. Suggests that all science fiction is really true, implanted by the aliens to confuse us. No breaks at all for ads, not even for 1400 hourtop ID past 1415. Refers to <http://unknownoriginsradio.com>

That site confirms, just as I suspected, that we're listening to the Dark Matter Radio Network, which WTWW failed to turn off at 0800 UT following Art Bell! Must have been on all night with whatever DMRN was feeding, but UOR is originally webcast Thursdays at 8-10 pm ET = UT Fridays 01-03, and obviously not formatted for real broadcasts requiring station IDs. Details of latest show 5.42 are not yet posted.

Meanwhile, at 1420 Nov 27, WTWW-1 is MISSING from 5830 and 9475, while WTWW-3 is on 12105 already at 1459 with S9+10 open carrier --- a time it is not supposed to be on at all. Maybe that never went off last night at 0200, altho hardly propagating overnight, after having been dead air yesterday afternoon too. When all three WTWW transmitters are out of whack, we can't help but wonder if Ted Randall, who has been ailing, is all right, obviously no one at the controls. At 1455 I am still hearing 5085, and at 1508 it's still the same concerning 12105 on, 9475 off. Recheck at 1739, 9475 is now on with PPPP, 12105 is still on with OC, and can't hear 5085 whether it is on or not (nor 9930).

5085, Nov 27 at 2128, WTWW-2 is on early, or rather probably still on all-day. Might have been able to hear it with all devices off at midday. As in previous report, has stayed plugged in to Dark Matter Radio Network instead of closing down at 0800 after 'Midnight [sic] in the Desert'; on autopilot, or an experiment? Very poor signal now but definitely there with something talking. At 2141 sounds like it could be Unshackled, some kind of drama. {Later, Twitter feed on website shows in the hour preceding Exploration it was: ``Now Playing: David Cummings - A Klondike Horror | Narrated by David Cummings``}

Retune at 2208, now I recognize the voice of eminent scientist and broadcaster Dr Michio Kaku, continuous talk about when science was a priority in the Islamic world, then in China, which had the largest fleet of ships in the world, exploring as far as Africa, but finding

there were no competing empires, destroyed the ships as an unnecessary expense, and turned inward. Finally overtaken by Europe with the Renaissance. 2228 abrupt cut to music, but it's still Michio outroing part 1 of 'Exploration', apparently somewhat edited down.

Then into part 2, with two guests on different phones discussing nuclear accidents, or ``broken-arrows``, H-bombs accidentally dropped by US in South Carolina, off Spain, and Greenland but which did not (and could not) detonate. 2257 once again abrupt cut to theme and outro Explorations. 2257.5 a series of program promos for other shows on Dark Matters Radio Network, 'The Unexplained', Paranormal-something, 'Capricorn Radio'; 2300 ID and into spooky music, 'More Questions Than Answers', ``the only paranormal quiz show``.

Here's the full program schedule in PT/ET, confirming 'Exploration' Fridays at 2/5 pm = 2200 UT:

<http://darkmatterdigitalnetwork.com/>

So as long as this error(?) lasts, that's what we'll be hearing on 5085. This schedule is not 24 hours, however, taking a break in the daytimes, and in fact not resuming on Fridays until 2200 UT. ``Due to the nature of the varied length of podcasts, start times are approximate. We will be repeating shows throughout the night [sic] after the live/new program segment.``

Michio Kaku is right-on, a science FACT show, which hardly belongs mixed in with this other stuff, but a way to get on the air. I was wondering if the defunct Global 24 had something to do with this being on SW, as his 'Exploration' show was on that for a while, after I had initially recommended Kaku to ``Phil Workman`` as a good show to pick up filling 24/7 of airtime.

Meanwhile, WTWW-3 is \*again/still\* dead air on 12105, S9+30 Nov 27 at 2142 check (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST)

Open carrier of WTWW-3, We Transmit World Wide:

0858 on 12105 TWW 100 kW / 040 deg to ENAm, dead air

<http://swldxbulgaria.blogspot.bg/2015/11/open-carrier-of-wtww-3-we-transmit.html>  
(Ivo Ivanov, Sofia, Bulgaria, Nov 27, dxldyg via DX LISTENING DIGEST)

5085, more on the peculiar situation of WTWW-2 (not -3 as misnumbered in last report). After carrying Dark Matter programs during the night and day on Friday Nov 27 as detailed before, at next check 0114 UT Sat Nov 28, these have been removed and replaced by dead air, and still so at 0150. But by next check 0212, a bluegrass version of ``Jingle Bells`` is playing; 0229 Ted-in-a-reverb-well is selling some radio; and more Xmas carols. Signal is blasting in during music such that it almost merits AM-S wideband reception on the NRD-545. But bah, enough

already with the carols.

At 0118, 9475, WTWW-1 has faded way down but some hymn is on SFAW; while 12105, WTWW-3 is a JBA carrier, presumably still dead air.

5085, Nov 28 at 1330 and later chex during morning, afternoon, evening, no WTWW-2, so yesterday's Dark Matter relay appears more and more to have been an anomaly.

12105, Nov 28 at 2112, WTWW-3 is off, not just dead air.

9474.98 approx., Nov 30 at 0708, WTWW-1 is still on day frequency! managing to propagate to S6 level, missing from 5830. Not on 5085, and not audible on 12105. Just another SNAFU. 9475 still on at 1357 check, now with VG signal.

9475, Dec 1 at 2110, WTWW-1 is off. 5830 is on earlier than usual Dec 2 at 0126 check, about rotting teeth. Maybe it was already on at 2110 too (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. 9975, Nov 29 at 0215, KVOH is only S3, much weaker than first check an hour ago; yet Cairo neighbor 9965- is still good at S7; therefore, KVOH could do better by broadcasting from Cairo, provided it could modulate.

17775, Nov 29 at 1544, KVOH is on! Even tho it's Sunday; prayer in Spanish about Sonora. VG signal and not off-frequency either, 17775.00 --- this could be a sign that the 'new' transmitter is finally being tested, after Ted Randall dragging his feet month after month in getting all the needed parts for it from WTWW to KVOH. 17775 has been scheduled Mon-Fri only, and per website, still is (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. KVOH: re: ``Ted Randall dragging his feet month after month in getting all the needed parts for it from WTWW to KVOH.``

John Tayloe of KVOH replies: ``Glenn, I see you continue to make up stories and post them to your DX Listening Digest. What you have written in your November 29, 2015, post is simply NOT true and totally made up``

I don't make things up! This was based on info from someone else at WTWW. But I don't know first-hand whether it is correct; if not, I apologize.

9975, Dec 1 at 0134, KVOH is S7 but just barely modulated with jazz; meanwhile 10000 WWV is inbooming at S9+25! Something's amiss. However, neighbor Cairo 9964.6 is even weaker, JBA at S3, so they could do

better via a KVOH relay, if it could modulate adequately. By 0222, 9975 is JBM at S6, while 9955 WRMI has surged to S9+30! (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. 7504.728, Same strong S=9+30dB signal also heard on next channel of WRNO New Orleans program, very DISTORTED audio quality noted at 0152 UT on Nov 28. Transmitter was not right stable, wandered some 3 Hertz up and down. Nice music mixture heard (Wolfgang B, schel, wwdxc BC-DX TopNews Nov 28, dxldyg via DXLD) On early before nom \*0200

7504.75, Nov 28 at 0215, WRNO S9+45 blob centered approx. here, extremely distorted and splattering as far as 7490 WBCQ and beyond, 7520 WWCR and beyond, both of which are weaker to start with and can't muscle aside the crap on their own frequencies.

7504.7, Nov 29 at 0249, WRNO has only a poor signal, not splattering all over the area like last night; there can be extreme variations in WRNO reception here at one megameter distance; or are there also extreme variations in its power output? There certainly are in the quality of modulation (Glenn Hauser, OK, DX LISTENING DIGEST)

Thought I'd check what WRNO was up to. Crash start at 0158:20 or so with "I Want to Know You, Lord" hymn. Excellent level to the west coast of Canada. This is WRNO Worldwide at 0200, first a canned ID, then a live repeat. Announcing, incorrectly, 1:00 AM to 4:00 AM GMT. Still, very nice to hear. 73 (Walt Salmaniw, Victoria BC, UT Dec 2, dxldyg via DX LISTENING DIGEST)

\*\* U S A [and non]. 12050, Nov 26 at 1842, JBA carrier, presumed Dandal Kura, ASCENSION, as WEWN is still absent from half its Spanish frequencies, while 13830 is VG but with jamming bleeding in from 13820 Cuba.

12050 // 11550 in Spanish, 15610 in English, Nov 27 at 1500, what do you know, WEWN is running all three transmitters (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. 7490, Nov 29 at 1412, Pat Boone pushing longevity tablets and Jesus, WWCR blasting in as usual; ``nice`` to hear something on Sundays other than the tiresome Joyce Riley on weekdays (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. Reception of WINB on November 25  
from 2042 on 9265 INB 050 kW / 242 deg to CeAm Interval Signal  
from 2045 on 9265 INB 050 kW / 242 deg to CeAm English  
from 2052 on 9265 INB 050 kW / 242 deg to CeAm Spanish  
<http://swldxbulgaria.blogspot.bg/2015/11/reception-of-winb-on-november-25.html>  
(Ivo Ivanov, Sofia, Bulgaria, Nov 26, dxldyg via DX LISTENING DIGEST)

9265, Dec 1 at 2112, WINB gospel huxter reciting list of affiliates including WWVA 1170. Modulation is distorted and carrier is wobbling: seems now typical warmup problem, having come on about half an hour ago. By next check 0127 Dec 2, now good modulation and steady carrier (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A [and non]. US Radio Liberty vs US WHRI Angel 2 on November 26 1800-2000 on 9840 LAM 100 kW / 055 deg to EaEu Russian Radio Liberty 1800-2000 on 9840 HRI 250 kW / 025 deg to ENAm English WHRI Angel 2 <http://swldxbulgaria.blogspot.bg/2015/11/us-radio-liberty-vs-us-whri-angel-2-on.html>  
(Ivo Ivanov, Sofia, Bulgaria, Nov 26, dxldyg via DX LISTENING DIGEST)

\*\* U S A. 620, Nov 26 before and after 0630 UT, Bloomberg News, via KEXB Plano/Dallas TX. Altho obviously from financial angle, it's also good for general world news coverage, partly with a British accent not to be confused with BBCWS. Nice to be able to get this well, following the demise of that format on 1660 Kansas City. KEXB is ``Experts in Business``, ex-KMKI Mickey Disney. Web search leads to unchanged URL from 1160 station formerly with the now 620 format, <http://www.kvceradio.com/> and program schedule is along right margin or via drop-down for each day. Bloomberg is/was on sked M-F at 12-4 am & 3-4 pm CT = 06-10 & 21-22 UT (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. 760, Nov 29 at 1335 UT, bluegrass gospel harmony, with KCCV KS nulled, otherwise making fast SAH with it. Surely KMTL, 10 kW daytimer in Sherwood AR, not yet faded out post-sunrise (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. 980, TEXAS, KQUE, Rosenberg-Richardson. 1135 November 23, 2015. Tentatively the one, end of XE-ccordion tune, male, "... lo mejor m'sica cristiana..." into soft Spanish Christian vocal, Spanish female with Central Time check, into another soft Christian vocal in Spanish. Suspect KQUE, which matches the format, and not a real Mexican. Pretty much clobbered by 970 WFLA's iBOC by 1148. Their barely-a-website radioaleluya.org didn't want to stream, but the daytime coverage map opens and shows a huge piece of their signal is casually tossed into the Gulf of Mexico (Terry L. Krueger, All times/dates GMT, NRD-535, IC-R75, roof dipole, active loop from Clearwater, FL, DX LISTENING DIGEST)

? -Richardson? That's a Dallas suburb, not Houston (gh, DXLD)

\*\* U S A. 1000, FLORIDA, WYBT, Blountstown. 1157 November 23, 2015. Visitflorida.com spot at tune-in (making it easy to quickly narrow down the state), fade, back up with a minute of local news by female

from 1200, local weather from WMBB 13 meteorologist somebody, into instrumental Star Spangled Banner from 1201. Male canned "All Oldies, WYBT" at 1202, into "Elenore" by The Turtles, fade, back up 1208 with "Over My Head" by Fleetwood Mac, "Help!" by The Beatles. By now, mixing with unidentified sports talker. Parallel their live stream at <http://wybtradio.com> One of the few stations still airing the SSB presumably daily at a set time (Terry L. Krueger, All times/dates GMT, NRD-535, IC-R75, roof dipole, active loop from Clearwater, FL, DX LISTENING DIGEST)

\*\* U S A. 1150 - Dark in AZ- ? I have not heard KCKY for several days now (1150 Coolidge, Arizona). I phoned the station this morning to find the number is disconnected. 73 (Rick in AZ Barton, Dec 1, dxldyg via DX LISTENING DIGEST)

I'm in Phoenix right now, and their sister KASA/1540 is on as usual (1900 UT, Dec 1) ñ (GREG HARDISON, dxldyg via DX LISTENING DIGEST)

And, it appears 1150 is also back at full industrial strength (Greg Hardison, 0102 UT Dec 4, dxldyg via DX LISTENING DIGEST)

\*\* U S A. Since early this summer, WYLL 1160 kHz night xmtr has been putting out distorted splatter. Most noticeable is on 940, and between 1020 and 1040. And this is heard at home, from 10 miles away. It is much worse up close to the site. This is very similar to the problems they had a year ago. Whatever happened to the POP Tests (Proof of Performance Tests) that many of us old timers remember? (Tom Jasinski, Joliet, IL, Dec 2, IRCA via DXLD)

A ham friend asked about that the other day (he's complaining of digital compression artifacts on WBBM, although I'm not sure he isn't listening on 105.9 FM and I suspect he has a HD Radio).

Most of the POP tests have been repealed; Best I can tell, what's still required:

73.1590:

Measurements are required upon:

- Installation of a new transmitter.
- Modification of an existing transmitter.
- Installation of stereo gear. (whether AM, FM, or TV although the latter only applies to full-power analog stations that no longer exist)
- Annually, for AM stations only.
- The FCC may attach additional POP requirements to the license of an individual station.

That said, the spurious emission requirements must be met at all

times, so if the station learns about it some other way they must fix it == (Doug Smith W9WI, Pleasant View, TN EM66, NRC-AM via DXLD)

If these are required annually, is there a way to find out when? (Saul Chernos, Burnt River ON, ibid.)

Not that I know of. These aren't the old frequency checks, I don't think you're going to find stations on day facilities at night to do this. == (Doug Smith W9WI, Pleasant View, TN EM66, ibid.)

So this could happen daytime. But even if it's day at times of the year skywave is good to great - as it was (so-so) today, out to 500 miles midday (Saul Chernos, Burnt River ON, ibid.)

The way I read the rules (73.1590), these measurements can be made during normal programming. The only measurements required are those necessary to show the stations' signal is confined to its authorized bandwidth.\*

The old requirements to show frequency response and distortion performance have been repealed. So there's no need to broadcast test tones.

Nor do I think there's going to be a reason to run on the "wrong" facilities. Of course, you can do the day facilities measurements during the day:). There's no reason to do them at night if you can do them without interrupting the normal daytime programming. Of course, you can do the night facilities measurements at night:). I don't think it's legal to do them during the day. (I don't doubt some stations \*do\*.) == (Doug Smith W9WI, Pleasant View, TN EM66, ibid.)

No, you definitely won't. There's no requirement that the FCC be notified in advance when these tests are being conducted, just that it be logged in the station's operating log so it's there if the FCC comes checking later on. s (Scott Fybush, Rochester NY, ibid.)

But might that be the basis of a letter to stations? Letting them know we'd publicize and listen whenever it was happening? What's your take, Scott (et al). (Saul Chernos, Burnt River ON, ibid.)

[later:] So no opportunity here then, is how I read this. Thanks to you both - Doug and Scott - for clarifying (Saul Chernos, ibid.)

I've observed similar problems several times, and have contacted the stations involved. In each case, they had been completely unaware of the problem (any routine monitoring they do tends to be strictly on-channel, and perhaps on first adjacents), and were most appreciative. And, in each case, the spurious emissions disappeared

within a short time. So, let them know; it will help give them a positive impression of DXers and radio hobbyists in general (Barry McLarnon, Ottawa, ON, NRC-AM via DXLD)

\*\* U S A. 1170, UNIDENTIFIED, 1204, November 27, 2015. Someone with Nostalgia format here, "Money, Hips & Rice" by The 5 Royales (early 1950's, thanks, SoundHound), faded down. Whitney Houston's "Star Spangled Banner" followed by Kate Smith's "God Bless America" weakly from 1206, which would be the daily airing of these via WWVA underneath (Terry L. Krueger, All times/dates GMT, Clearwater FL, NRD-535, IC-R75, roof dipole, active loop, DX LISTENING DIGEST)

I am filing this here, since more interesting is WWVA NA info (gh)

\*\* U S A. 1220, Dec 1 at 0208 UT, South Asian songs dominating, vs multiple SAHs, but nothing from alleged 100 kW XEB detectable. This from south is certainly The Metroplex's KZEE Weatherford TX, 1600/200 watts (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. 1240, GEORGIA, WPAX, Thomasville. 1152 November 28, 2015. Unidentified old Nostalgia-era song, male canned "WPAX, since 1922" into Stevie Wonder "You Are the Sunshine Of My Life" and overtaken by WFWN, Ft. Myers at 1200. Sounded like he said "1924" but the station website [www.wpaxradio.com](http://www.wpaxradio.com) history sub-page confirms 1922, the 20th US radio station to go on air. Nice that they haven't forgotten that and keep reminding their listeners. And here's an excellent 'tour' of the station (though I wish people would learn to hold their cell phone camera mode steadier). Love those twin Pioneer turntables from the 1:08 mark. This was from 2011; wonder if those turntables are still in use:

<https://www.youtube.com/watch?v=0ZK0UNUQDLg>

(Terry L. Krueger, All times/dates GMT, Clearwater FL, NRD-535, IC-R75, roof dipole, active loop, DX LISTENING DIGEST)

\*\* U S A. 1260, FLORIDA, WSWA, Miami. 1135 November 29, 2015. Tune-in to the Rolling Stones "Can't You Hear Me Knocking" then "Tumbling Dice" and "Monkey Man" followed by quick words from male announcer, "Tu DJ [stated 'DJ' in English] Julio S-nchez" then "Love Is Strange" and "You Can't Always Get What You Want (live)" again by the Rolling Stones. So, Julio S-nchez Cristo of 5-8 a.m. ET morning drive on this Spanish news/talk station also records a Classic Rock segment, and is a big Rolling Stones fan. This was aired early morning Sunday, presume filler material on an otherwise Spanish News/Talk station (Terry L. Krueger, All times/dates GMT, Clearwater FL, NRD-535, IC-R75, roof dipole, active loop, DX LISTENING DIGEST)

\*\* U S A. 1290, MISSISSIPPI, WBNB, Meridian. 1054 November 26, 2015. Urban gospel, ads from 1101 for local stores, including, "..."



formerly... Florists, 39th Avenue, 601-482-0811" which Googles to Bessa's Florist & Gift Shop, all spots read by the same female announcer, back to gospel vocals. Suspect they were on day power of 2500 watts and not the 91 watts night. Some co-channel usually dominant WJNO, West Palm Beach (Terry L. Krueger, All times/dates GMT, NRD-535, IC-R75, roof dipole, active loop from Clearwater, FL, DX LISTENING DIGEST)

\*\* U S A. 1300 kHz La Grange/Chicago now Polish Language --- Some time today AM 1300 came back to life (ex R Disney) with Polish Language program. Does not sound like it is parallel to any other Polish language station in the Chicago area. Will listen at TOH for an ID. ID on the hour "AM 1030 WNVN Vernon Hills/Chicago and AM 1300 WRDZ LaGrange/Chicago, Polska Radio Chicago; also mentions 910 WRKL and 1580 WLIM. Unfortunately they do not put a strong signal here, plagued with locally generated noise. And yes, I do speak a little Polish (Tom Jasinski, Joliet, IL, Dec 2, IRCA via DXLD)

\*\* U S A. 1330, LOUISIANA, KVOL, Lafayette. 1029 November 23, 2015. "Our Day Will Come" by Ruby & the Romantics, segued to "Positively 4th Street" Bob Dylan, then "Fa-Fa-Fa-Fa-Fa (Sad Song)" by Otis Redding. All songs matching their "Now Playing" on kvol1330.com. If only every station would serve up a Now Playing list (Terry L. Krueger, All times/dates GMT, NRD-535, IC-R75, roof dipole, active loop from Clearwater, FL, DX LISTENING DIGEST)

\*\* U S A. 1440, Nov 29 at 1347 UT tune-in, ``Radio Luz, 14-40 A-M, Dallas`` --- pronounced DAH-lahss, not DALL-uss, and not DA-yahss, a compromise between English and Spanish. Officially it's KTNQ, University Park, Tejas; do they translate that? (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. 1590, UT Sat Nov 28 at 0154 UT, a basketball game, quick ad for an overhead door company, phone 289-2211. Game is in Steel (sp?) Gym, fades out and in and out. Could not copy names of teams or any other details except an ID in passing as ``Basketball on 1590, WAKI (?) radio at half-time``. That led me to WAKR Akron OH, but nothing chex out there. So try search on Overhead Door with the phone number and get such a biz in Knoxville IL, on Galesburg Road. Knoxville is just east of Galesburg in NW IL, so aha, this is really WAIK Galesburg IL, confirmed by what they say tonight on FB as in Facebook:

``On AM 1590 WAIK, the Galesburg Silver Streak boys basketball team will start their highly anticipated 2015-16 season with a Galesburg Thanksgiving Tournament game against East Peoria. Shawn Temple, Jimmie Carr and newest member of the PRSN team, Steve Cheesman will have the call with their pregame show at 7:10, tip-off is scheduled for 7:30 from John Thiel Gym in Galesburg. Happy Thanksgiving from the entire

staff at Prairie Radio Sports!!``

WAIK has a not unfavorable pattern day and night, flat null northward, but broad from east to south to west; 55 watt night power, however, is hardly sufficient, so how about 5 kW day power? Unfortunately for ABDX this doesn't qualify as HSFB since it's BKB. O well (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. Two in Denver area silent --- In addition to KBUD (formerly KDCO) 1550 Golden being silent, now KDDZ 1690 Arvada is silent. KBUD is for sale, and KDDZ was just sold from Disney to Salem. 73, (Kit W5KAT, 1055 UT Dec 3, ABDX via DXLD)

I'm crossing my fingers and hoping 1690 in Arvada stays off for a while before returning. I still need the stations in Roseville, CA and Lexington Park, MD at this QTH. 73, (Rick Dau, South Omaha, Nebraska, ibid.)

Best chance for KFSG will be via sunset skip before they switch to night power. Typically there are in RR at that time and as I am a decent distance north of WVON, KFSG via SSS is one of the easier ways to get CA for me here in IL. Getting WPTX in Omaha may require waiting for their sunrise increase to day power. 73 KAZ (Neil Kazaross, ibid.)

Re: Two in Denver area silent --- For what it's worth, KFSG runs brokered programming in at least a couple different languages (including Spanish and Russian, IIRC) and simply superimposes one or two "KFSG Roseville-Sacramento" IDs (in a dull female voice) on top of whatever is running at the top of each hour. 73 (Tim, Sent from my BlackBerry 10 smartphone, Hall, Dec 3, ibid.)

\*\* U S A. 87.9, Midland MI, Xmas Music Pirate: 12:23-12:25\* PM, 26-Nov; Non-ID as, sounded like, "100.7 The (Path?)", into next song AND off abruptly. I cannot match anything to this slogan. 100.7 here is dominated by WITL Lansing, "Today's Best Country". Next day about noon, north of Detroit, I sat on 100.7. It was dominated by CKUE Windsor, "Cool FM" but every now & then, Xmas music wafted in (Harold Frodge, Midland MI, USA, GMC car radio for FMBC, All dates and times for all logs are UTC unless otherwise noted as AM or PM which is ELT [EST = UT -5]. FMBC & VHF/UHF logs are in MHz; all other logs are in khz ----- All logged by my ears, on my receiver, in real time! DX LISTENING DIGEST)

\*\* U S A. 20/21 --- November 25th, 2015 -- Goodbye --- Joe Truskot, host of 20/21 [caption]  
<http://blogs.kusp.org/aeolianimpromptu/>

Thanks for your support of classical music on the Central Coast and

your gifts to make our programs happen. It's been my special pleasure to host local classical music organizations and to create programs for all the weeknight shows, especially Monday Night at the Opera, KUSP OnSite and my special love ó 20/21.

With the dramatic change in format, classical music no longer fit in the mix of 3 to 5 minute pop songs (mostly in easy keys, mostly with electric guitar, bass and synthetic drums, usually with one singer and back up vocals repeating the same words over and over again.) The new format is what it is and will find some people in our community who enjoy it.

Please support the Cabrillo Music Festival, Carmel Bach Festival, Chamber Music Monterey Bay, Santa Cruz Baroque Festival, and the Monterey and Santa Cruz Symphonies. These local organizations perform or present at the highest level and need you to attend live music concerts. They can't exist without your financial contributions.

Many other individuals and groups play regularly in our area, too, and they deserve to have an audience to enjoy their efforts.

Be generous and classical music will continue to find individuals seeking musical experiences beyond the ordinary. After all, we have Bach, Beethoven, Mozart, Brahms, Aaron Copland, John Adams, Leonard Bernstein, Joan Tower, John Williams and Philip Glass ó to name just a few ó on our side (via DXLD)

I was shocked and saddened to hear Joe say goodbye toward the end of his show last Tuesday night, on KUSP webcast. However, listening at the same time this Tuesday night (UT Wed Dec 2 at 0315), I am still hearing classical music. Maybe it's just temporary, but the new program grid of KUSP has continued to show \*some\* classical in the mix. In fact, 5 different shows stripped M-F at 7-9:30 pm PST = 0300-0530 UT Tue-Sat, tho I guess 20/21 is to be replaced by something else. Listening further, it's not Joe, incomplete announcement at hourtop, just playing some classical CDs (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. SALE OF KPLU BY PACIFIC LUTHERAN U TO U OF WASHINGTON

Glenn, This contretemps is way too difficult and lengthy to send to you directly, but you should look at some of the items brought up on Bing:

[http://www.bing.com/search?](http://www.bing.com/search?q=sale+of+kplu&qs=n&form=QBLH&pq=sale+of+kplu&sc=3-12&sp=-1&sk=&cvid=ADA8A9E013CE4B8AB1575EAE4D8054F8)

[q=sale+of+kplu&qs=n&form=QBLH&pq=sale+of+kplu&sc=3-12&sp=-1&sk=&cvid=ADA8A9E013CE4B8AB1575EAE4D8054F8](http://www.bing.com/search?q=sale+of+kplu&qs=n&form=QBLH&pq=sale+of+kplu&sc=3-12&sp=-1&sk=&cvid=ADA8A9E013CE4B8AB1575EAE4D8054F8)

(Ben Dawson, WA, Dec 1, DX LISTENING DIGEST)

\*\* VATICAN. 21550, Nov 26 at 1510, 13m bandscan usually unproductive finds a good S9 signal here, and in English! It's a speech about the UN, climate change, refers to ``your holiness``, 1513 applause. Anchor outros as executive director of the UN Environmental Development Program. Evidently he was merely introducing Pope Francis, who is visiting the UN office in Nairobi, Kenya, and soon starts to speak in Spanish (``an official UN language`` even tho rather off-topic here); voice-over translation starts in English, but interrupted at 1517 (or maybe he finished already). Having concluded it's a Vatican Radio special, I quickly scan elsewhere on 21, 17 and 15 MHz bands but find nothing more. But at 1518 I turn up the gain and volume and do find \*much\* weaker signals on neighboring 21560 in Portuguese? And 21570 in algo. 21550 is still going with English coverage at 1541.

Only then do I fire up and notify the DXLD yg of this special event:  
``Good signal on 21550 at 1510 UT Nov 26, Vatican Radio in English covering Pope's visit to Nairobi; later found much weaker signals in other languages on 21560, 21570, but none on 17 or 15 MHz. Still going at 1541. Full report to follow (Glenn Hauser, DX LISTENING DIGEST)``

And check what else has been reported about this:

``Stumbled on strong signal on 21550 at 1525 Thu Nov 26 with apparent coverage of Pope visit to Kenya in English. Woman revoicing distorted audio of another woman speaker before a woman narrator discussing Pope's comments (Mike Cooper, Nov 26, DXLD)``

``Pope Francis is currently visiting Kenya, then will visit Uganda and Central African Republic. Vatican Radio website is showing these special commentaries broadcast on shortwave:

26 Nov Nairobi - Visit UN Office  
1425 UTC 21550 English; 21560 Portuguese; 21570 French

27 Nov Nairobi - Visit to the Poor  
0530 UT 11725 French; 17590 Portuguese; 21550 English

27 Nov Entebbe Uganda - meeting Public Authorities  
1445 UT 21550 English; 21560 Portuguese; 21570 French

28 Nov Kampala - Visit Shrine of Namugongo  
0600 UT 11725 French; 17590 Portuguese; 21550 English

28 Nov Kampala - Visit young people  
1205 UT 21550 English; 21560 Portuguese; 21570 French

29 Nov Bangui (CAF) - Holy Mass  
1550 UT 11625 French

30 Nov Bangui - Holy Mass

0820 UT 21550 English; 21560 Portuguese; 21570 French

(extracted from

<http://en.radiovaticana.va/epg-web#!/?cid=167#2>

26 Nov) Posted by: (Dave Kenny, BDXC-UK yg via DXLD)``

Note the 11725 broadcasts will collide with New Zealand! also on there until 0758 and normally quite good here. Christian Ghibaudo, France, BDXC-UK, was hearing 11725 already today in French at 0650, no mention of RNZI.

These three 13m frequencies are registered by VR in HFCC for specials, but only between 0800 and 1130, all toward different parts of Africa via SMG, but obviously extended a lot later. The much greater signal on 21550 here might be explained as closest to directly off the back from 145 degrees, which would be 325; but I do suspect this one might be Madagascar instead, i.e. aiming across Africa USward (Glenn Hauser, OK, DX LISTENING DIGEST)

Vatican Radio now in progress (at 1440 UT) on 21550, 21560 and 21570 with Pope's visit to Kenya. All three frequencies weak with multiple echo here, confirm English on 21550. 73s (Dave, Caversham, Kenny, Lowe HF225/25m long wire Nov 26, BDXC-UK yg via DXLD)

Vatican special on 11725 kHz was on air today Nov 26 0800-0900 UT in French/English/Swahili; Videos will be added tomorrow -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

Vatican Radio, live transmission from Nairobi, Kenya on Nov 27  
0730-0910 on 11725 SMG 250 kW / 210 deg to NWAf French  
0730-0910 on 17590 SMG 250 kW / 165 deg to SoAf Portuguese  
0730-0910 on 21550 SMG 250 kW / 145 deg to CeAf English

Vatican Radio, live transmission from Entebbe, Uganda on Nov 27  
from 1445 on 21550 SMG 250 kW / 145 deg to CeAf English, but Music  
from 1445 on 21560 SMG 250 kW / 165 deg to SoAf Portuguese, but Music  
from 1445 on 21570 SMG 250 kW / 210 deg to NWAf French, but Music  
[http://swldxbulgaria.blogspot.bg/2015/11/vatican-radio-live-transmission-from\\_27.html](http://swldxbulgaria.blogspot.bg/2015/11/vatican-radio-live-transmission-from_27.html)  
(Ivo Ivanov, Sofia, Bulgaria, Nov 27, dxldyg via DX LISTENING DIGEST)

\*\* VATICAN [and non]. Nov 27: woke up already at 0650 UT this morning. On 11725 kHz noted some overlapping two signals of both RNZI and Vatican Radio special in French, live coverage of Pope's journey to Nairobi Kenya Africa, at 0724 to 0758 UT slot.

NEW ZEALAND/VATICAN STATE, 11724.984 kHz odd frequency from RNZI Rangitaiki-NZ site, English service at 0724 UT on Nov 27. Talk on PNG matter.

But at 0724:05 UT started/appeared another station on that channel, with flute music and French service announcement at 0730 UT, live coverage on Vatican Radio special service on Pope's journey to Kenya. RNZI scheduled 0459-0758 UT. VR French was S=8 here in southern Germany. But properly S=9+25dB signal noted on Moscow Russia SDR post.

\\ VR special in Bras-accented Portuguese presenter from Kenya on 17590 kHz, S=9+5dB signal here in Germany, S=9+25dB logged on SDR unit in Moscow Russia. VR presenter also announced many Portuguese radio stations worldwide, who relay this Vatican Radio sce, like for example via R·dio Aparecida Brazil radio service.

\\ 21550 kHz VR special in English, NIL signal - only threshold string of S=1-2 in European/Germany signal skip zone, but S=9+30dB signal heard in Moscow Russia, some 2500 km distance away from Rome (Wolfgang B,schel, wwdxc BC-DX TopNews Nov 27, dxldyg via DXLD)

Radio Vaticana --- On 27 Nov, after checking CB ch 6 and heard many strong signals which lately has been indicating good possible propagation on the higher bands, I stumbled upon a special Radio Vaticana broadcast covering Pope Francis' to Uganda on 21550 kHz at ~1500z and was able to just leave it on and wait for speech to begin (which was a good 30 to 40 minutes later). I checked DXLD and saw that many had this broadcast the day before, but I went ahead and used my phone to make some rudimentary recordings.

21550, 1452 27 NOV - RADIO VATICANA (VATICAN CITY STATE). SINPO = 45233. Italian, English, French. Classical music interval signal. ID at 1453z by male in Italian, ID at 1454z by male in English with English accent. Said it was a special broadcast from estate house in Entebbe Uganda. several 13m frequencies given for various languages: Italian, English and French (21560, 21570 as well as this one, but I couldn't detect the others). ID at 1455z in French. Then back to classical music. All three IDs again at 1507z waiting for live broadcast of the pope in Africa. 21550 is the English channel (they must be beaming this way?). IDs again at 1515z (recorded) and 1530z. Coverage begins ~1535z (recorded). Speech begins ~1540z (recorded). Tech. Diff. with PA/microphone ~1548z (recorded). Speech ends ~1558z (i just one hour after the pontif's plane touched down in Uganda). 1602z classical music again while the pope travels to his next destination. S/off at 1603z. sf106.2 a3, k2, geomag:quiet. ?kw, beamAz ? , bearing ? . Sangean ATS505 with MFJ-1020C active antenna used to preselect Magic Wand Antenna hanging indoors on west wall. Received at Las Vegas, United States, ? KM from transmitter at ?. Local time: 0652

(Rodney Johnson, NV, dxldyg via DX LISTENING DIGEST)

[non?]. 21550, Nov 27 at 1505, VG signal with classical music, then Italian announcement from Vatican Radio about special broadcast covering the Pope in Entebbe Uganda; and on to same announcement in other languages, 1507 English, 1508 French, rotating; still not underway at 1517 when the English ``about to broadcast live`` canned announcement runs again, mentioning 21550 in English, 21570 in French, 21560 in Portuguese, and like yesterday the latter two are just barely audible here while 21550 is inbooming, so not all from SMG site? The VR special schedule as of yesterday said this would start at 1445 today, but never specifies any end-times, if you'll pardon the expression (Glenn Hauser, OK, DX LISTENING DIGEST)

Vatican Radio live transmission from Kampala Uganda Nov 28  
0700-0830 on 11725 SMG 250 kW / 210 deg to NWAf French  
0700-0830 on 17590 SMG 250 kW / 165 deg to SoAf Portuguese  
0700-0830 on 21550 SMG 250 kW / 145 deg to CeAf English

1200-1330 on 21550 SMG 250 kW / 145 deg to CeAf English  
1200-1330 on 21560 SMG 250 kW / 165 deg to SoAf Portuguese  
1200-1330 on 21570 SMG 250 kW / 210 deg to NWAf French  
[http://swldxbulgaria.blogspot.bg/2015/11/vatican-radio-live-transmission-from\\_29.html](http://swldxbulgaria.blogspot.bg/2015/11/vatican-radio-live-transmission-from_29.html)  
-- 73! (Ivo Ivanov, Nov 28, dxldyg via DX LISTENING DIGEST)

Vatican Radio, live transmission from Nairobi, Kenya on November 26  
0800-0900 on 11725 via Santa Maria di Galeria, unregistered frequency in HFCC  
<http://swldxbulgaria.blogspot.bg/2015/11/vatican-radio-live-transmission-from.html>

[non] Strong signal of Vatican Radio on November 26  
1330-1400 on 9695 PHT 250 kW / 332 deg to FERu Russian  
1330-1400 on 11875 PHT 250 kW / 332 deg to FERu Russian  
<http://swldxbulgaria.blogspot.bg/2015/11/strong-signal-of-vatican-radio-on.html>

Vatican Radio, live transmission from Nairobi, Kenya on Nov 27  
0730-0910 on 11725 SMG 250 kW / 210 deg to NWAf French  
0730-0910 on 17590 SMG 250 kW / 165 deg to SoAf Portuguese  
0730-0910 on 21550 SMG 250 kW / 145 deg to CeAf English

Vatican Radio, live transmission from Entebbe, Uganda on Nov 27  
from 1445 on 21550 SMG 250 kW / 145 deg to CeAf English, but Music  
from 1445 on 21560 SMG 250 kW / 165 deg to SoAf Portuguese, but Music  
from 1445 on 21570 SMG 250 kW / 210 deg to NWAf French, but Music  
[http://swldxbulgaria.blogspot.bg/2015/11/vatican-radio-live-transmission-from\\_27.html](http://swldxbulgaria.blogspot.bg/2015/11/vatican-radio-live-transmission-from_27.html)

Vatican Radio, live transmission from Kampala, Uganda on Nov 28  
0700-0830 on 11725 SMG 250 kW / 210 deg to NWAf French  
0700-0830 on 17590 SMG 250 kW / 165 deg to SoAf Portuguese  
0700-0830 on 21550 SMG 250 kW / 145 deg to CeAf English  
1200-1330 on 21550 SMG 250 kW / 145 deg to CeAf English  
1200-1330 on 21560 SMG 250 kW / 165 deg to SoAf Portuguese  
1200-1330 on 21570 SMG 250 kW / 210 deg to NWAf French  
[http://swldxbulgaria.blogspot.bg/2015/11/vatican-radio-live-transmission-from\\_29.html](http://swldxbulgaria.blogspot.bg/2015/11/vatican-radio-live-transmission-from_29.html)  
(DX RE MIX NEWS #928 from Georgi Bancov and Ivo Ivanov, Nov 30, 2015 via DXLD)

\*\* VATICAN. 7410, Nov 29 at 0125, Pope Francis speaks a bit of Latin, then S Asian language, scheduled as Malayalam, amid the VR 4 x 20 minute transmission starting 0040 with Hindi, Tamil, ending with English, 250 kW due east from SMG. Poor at S5 (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* VATICAN [non]. 7425, Dec 2 at 0138, R. Martí in Spanish is readable at S6 on the NRD-545, because the intentional 7305, S9+30 carrier in Greenville is already on warming up for the 0145 Vatican relay, and it's leapfrogging over the other Greenville on 7365, S9+35 over jamming, carrying R. Martí, i.e. another 60 kHz higher. On 7305 itself some audio from Martí is also bleeding in. A good time to try again for a reverse leapfrog on 7245, but inaudible (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* VATICAN [non]. Strong signal of Vatican Radio on November 26  
1330-1400 on 9695 PHT 250 kW / 332 deg to FERu Russian  
1330-1400 on 11875 PHT 250 kW / 332 deg to FERu Russian  
<http://swldxbulgaria.blogspot.bg/2015/11/strong-signal-of-vatican-radio-on.html>  
(Ivo Ivanov, Sofia, Bulgaria, Nov 26, dxldyg via DX LISTENING DIGEST)

PHT = Tinang, PHILIPPINES, US government relay, violating Separation of Church and State (gh)

\*\* VIETNAM. 9635.96, V of Vietnam, Son Tay. Network 1 National programming at 2357 with Vietnamese songs and announcements, ID at 0000. Still there at 0040 with a very weak signal and would not have been heard at all here at this time except for a local power outage on 12/11 [Nov] (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Double Bazooka antennas for 80 and 40 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU, Dec Australian DX News via DXLD)

So almost one kHz off frequency; a new high? (gh, DXLD)



\*\* YEMEN [non]. 11860, CLANDESTINE. Radio Sana'a (a.k.a. Republic of Yemen Radio). Some believe this to be operating from Riyadh transmitters but I can't confirm that. First noted 2140, with continuous music, occasional IDs as "Radio Sana'a", a news program at 2200, then more music and some announcements in between. S9 signal when first tuned in, but down to S5 by 2225. S/off 2300 and the signal was getting pretty scratchy by then.

Apparently this station only started up a few days ago (thanks info via Mauno) and is supportive of the Hadi forces against the Houthi rebels. Needs further investigating! 22/11 (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Double Bazooka antennas for 80 and 40 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU, Dec Australian DX News via DXLD).

[same] Sounded like Arabic male speech with a national anthem? played at 2259 before sign off. Good on 21/11 (Phil Brennan, Darwin NT (CommRadio CR1, Icom ICR75, EF SWL, 2 x EWE ñ NE & NW), Dec Australian DX News via DXLD)

Reception of Radio Sana'a on November 22:

0559&0700 on 11860 JED 050 kW / non-dir to N/ME Arabic

0756&0856 on 11860 JED 050 kW / non-dir to N/ME Arabic

<http://swldxbulgaria.blogspot.bg/2015/11/reception-of-radio-sanaa-on-november-22.html>

(DX RE MIX NEWS #928 from Georgi Bancov and Ivo Ivanov, Nov 30, 2015 via DXLD)

11860, Noviembre 25 a las 1920, Radio Sana'a. Programa de música continua y brevísimas identificaciones. A las 2000 fragmento del Himno Nacional y noticiero en árabe. Muy leve QRM desde Radio Aparecida en 11856.2 kHz.

<https://youtu.be/DLe5Ka6J1lQ>

73 ("Rodolfo Alejandro Tizzi Garcia", Uruguay, condiglista yg via DXLD) He classifies this as YEMEN, not YEMEN [non]

11860, 26/11 0700, Radio Sana'a via Saudi Arabia with music, ID and news, good signal. Audioclip available here:

<http://swli05639fr.blogspot.it/2015/11/audioclip-radio-sanaa-yemen-11860-khz.html>

73's de (Francesco, QTH: Central Italy, RX: Icom R71, Ant: 100 mt LW, Ceccone, ibid.)

\*\* ZAMBIA [non-log]. 5915, ZNBC/Radio One. In my Nov 25 log, I pointed out they were experiencing "technical problems." Today am able to confirm, with the able assistance of Bill Bingham (RSA), that Zambia on 5915 has been silent for at least the past 24 hours. Checking today (Dec 1), starting at 0314 through 0402, found 5915 to be a clear

frequency, with no trace of Radio One.

<https://app.box.com/s/4956jtzvdlpaeubiaeeqh9wiext28e4>

contains my audio of a typical recent reception of Radio One.

ZNBC/Radio Two (6165) has been silent for several years now (Bill last heard it in late 2012), but checked anyway on Dec 1, starting at 0314 through 0402, but heard only the usual RHC (Cuba), with clearly no station underneath (Ron Howard, Asilomar State Beach, CA, CR-1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

5915, ZNBC/Radio One. After being off for the past 24 hours (or longer?), heard at 0257, Dec 2, with clear hi-life music, but weaker than normal; poor conditions. Thanks to Bill Bingham's (RSA) help with monitoring this one (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

See also EQUATORIAL GUINEA: whether 5005 log could be image of 5915

\*\* ZANZIBAR. TANZANIA, Strong signal of Zanzibar Broadcasting Corporation (ZBC) on November 25:

1800-1808 on 11735 DOL 050 kW / non-dir to CeAf English+white noise digital jamming

1808-2100 on 11735 DOL 050 kW / non-dir to CeAf Swahili+white noise digital jamming

<http://swldxbulgaria.blogspot.com/2015/11/strong-signal-of-zanzibar-broadcasting.html>

(DX RE MIX NEWS #928 from Georgi Bancov and Ivo Ivanov, Nov 30, 2015 via DXLD)

ZBC Radio --- On 26 Nov, after seeing tips from DXLD posts as well as having a little mid-day listening time during favorable conditions (pretty rare for me), I was able to hear Zanzibar Broadcasting Corporation on 11735 at ~! Again, the 'Magic Wand' was the best antenna for this one as the other antennas buried this signal with noise and I would have never noticed it.

11735, 1939 26 NOV - ZBC RADIO (TANZANIA). SINPO = 15311. ?African Language?, music with female vocal. 1942z male announcer. QSB=ff, modulation just above the noise. sf105.3 a2, k1, geomag: very quiet. 50 kW, Omni, bearing 47 . Sangean ATS505 with MFJ-1020C active antenna used to preselect Magic Wand Antenna hanging indoors on west wall. Received at Las Vegas, United States, 15779 km from transmitter at Zanzibar/Dole. Local time: 1139 (Rodney Johnson, NV, dxldyg via DX LISTENING DIGEST)

11735, ZBC Radio, 1602-1613, Dec 1. News in Swahili with five items about "Zanzibar"; almost fair (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

Zanzibar Broadcasting Corporation (ZBC) on December 1  
from 1800 on 11735 DOL 050 kW / non-dir to CeAf Swahili, not English  
<http://swldxbulgaria.blogspot.bg/2015/12/zanzibar-broadcasting-corporation-zbc.html>

73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Dec 1-2, dxldyg via DXLD)

See also BRAZIL: 11735 Transmundial discussion

UNIDENTIFIED. 880, Nov 29 at 1338 UT, big hum as long as KRVN is nulled; also bits of Spanish. Unsure whether the hum is from KHAC NM or KLRG AR; SS could be KJOZ TX (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 891.0, Nov 28 at 0205, het upon WLS 890.0 Chicago, instantly bringing to mind the 600/300 kW Algerian, altho I seem to recall it's ailing. The only other TA superpower over there is the 300 kW TRT in Antalya, Turkey, where all the Russian expat residents are getting real nervous. Incomplete MW scan notices no other TA carriers, of course checking secondly 1521 for Saudi. KOKC 1520 has enough problems with the CCI from Minnesota (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 1521.0, Nov 29 at 0152 UT, 1-kHz het upon KOKC, presumed BSKSA Duba, SAUDI ARABIA; no other TA carriers noted.

UNIDENTIFIED. 1521.0, Dec 1 at 0206, JBA het audible against KOKC. I have little doubt it's 2-megawatt BSKSA, but should keep filing it as unID lest I miss it in excerpting MW log reports (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. Hi Glenn, During the last few weeks driving to work in Charlotte NC, I have been hearing a radio station fading in and out on 1550 AM between 1120-1145 UT. The language could be Vietnamese. I don't see a potential station in <http://www.asiawaves.net> so my guess is that it is located in the US. Could this be Radio Zindagi, 1550AM Jiye Ja! Desi Radio Station San Francisco ñ Bay. San Francisco / San JosÉ? Thanks to Google.com (Dave Swaringen, Dec 1, DX LISTENING DIGEST)

Dave, That would be a phenomenal catch, but I'm afraid it must be something much closer to you. I've looked thru the dozens of 1550 listings in the NRC AM Log, and there are a few other ethnic formats: WAZX Smyrna GA 50 kW day power is 'Vietop Radio'

However, in November they should not go to day power until 1215 UT; December: 1230. Night power is only 16 watts, so they may be cheating a bit. Or could have a pre-sunrise power of more than 16 but less than

50,000 starting at 1100. FCC info about that is hard to get and unreliable.

ZIndagi I think is something south Asian rather than Vietnamese. There is also an ethnic of some sort, WNTN Newton MA, 10 kW day power. If you get a definite ID, let me know (Glenn to Dave, via DXLD)

UNIDENTIFIED. Weird pirate on 1610? (San Diego) --- Driving home from San Diego to Chula Vista just now, I was hearing a weird station on 1610 kHz. The audio was a bit mushy but the signal was fairly strong most of the way home. A man and woman seemed to be discussing plant life (artemesia), with occasional random guitar music or other sounds in the background. At times they were acting as if they were walking around a nature preserve and other times they acted like they were sitting in a coffee shop or something. Seemed like a very amateur production (but more like a pirate as opposed to just a corny TIS station). I don't know if this was just some random idiots with a TIS transmitter, or if it was something that could actually get out. Anyone else hearing it? 73 (Tim Hall, CA, 0540 UT Nov 30, ABDX via DXLD)

Well, I can hear them from home midday so they're some kind of local pirate, I guess. Audio is mushy. They get out at least as well as a TIS but they sound like some kind of homebrew mess. As far as I can tell, they're still mumbling about plant life, and it doesn't seem to be in reference to any specific location such as a nature center or park. Steve, in El Cajón/Lakeside area, can you hear them? My loop antennas are packed away right now but when I'm home later I'll see if I can discern what direction they're coming from by rotating the ICF-2010. 73 (Tim, sent from my BlackBerry 10 smartphone, Hall, Dec 1, ibid.)

Today they're mumbling about the San Diego City Council and Comic-Con (which isn't until July). Apparently just some dimbulb "activists" playing radio. This kind of thing makes you wish we still had a real FCC. 73 (Tim Hall, Sent from my BlackBerry 10 smartphone, 2304 UT Dec 2, ibid.)

UNIDENTIFIED. 1700, Nov 29 at 0150 UT, dead air is the strongest of 3 signals here, presumably KKLK Richardson TX which can't get its act together (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 3232.24-USB approx., Nov 26 at 0913-0925+, guy rambling about his problems trying to get a truck-driving license, and dropping plenty of F-bombs along the way; had 107 things to memorize for DMV test in South Carolina; how he wore a wire to spy on the examiners on behalf of their boss. Got paid for it and eased up on his grades. Mostly a monolog, but a weaker contact occasionally replies. Totally

pirate, or some legal 2-way? Surely not ham, MARS or anything USG. Would have preferred to read it symmetrically 3232.32, but sounds better 80 Hz lower.

3232.24-USB approx., Nov 30 at 0738, that informal net of F-bombers again, 2 or 3 guys now discussing football; ``come back``, rather than ``over`` (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 4900, One continuously looped pop song called "Into The New World" (released 2007) by South Korean band, Girls Generation at 1110, running // 6215 and fair signal on 26/11. Both these frequencies used to be the V24 South Korean numbers station. Needs further investigation (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Double Bazooka antennas for 80 and 40 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU, Dec Australian DX News via DXLD)

4900.00, Nov 26 at 0933, as I am unavoidably awake, might as well DX On 60m, and find a JBA signal here with music vs CODAR, much weaker than 4885 Brasil. Without references at hand, 4900 strikes me as a frequency where nothing conventional is ever reported.

Reawake at 1253, it's still there and better, so this one is not Latin American, but east Asian: soprano with pop song, could be English but can't understand any words, so J-pop or K-pop, keeps going past hourtop 1300 with no break or announcement. Lite CODAR now not much of a problem, and separable from RTTY circa 4905. This signal is not fluttery, so further east than the China/Tibet ones now audible at 1313 on 4800, 4920.

I soon realize that they are playing the same 4.5-minute song over and over! Actually the restarts are about 4 minutes and 28 seconds apart. By 1318 has improved to S9+10-20 with max preamp on the R75 and I can tell that the modulation is a bit low and distorted. Thinking it may have something to do with the Korean numbers station on 6215, I check that at 1318 and find a JBA carrier, not enough to match. At 1336, 4900 has improved even more to a steady S9+20. Still in at 1351 past 1400+. (Our sunrise today: 1320: will be as late as 1341 in 1 month.)

Nothing on 4900 in Aoki or HFCC; nor WRTH 2015 except for an inactive 1 kW in Guinea, lest we forget. I figure Ron Howard could hardly have missed this, so later I check the DXLD yg for any other logs and find:

``UNIDENTIFIED. (Korea?), 6215, at 1259, Nov 25. Playing the same pop Korean song over and over again; "Into the New World," sung by Girls' Generation (aka: SNSD); mostly fair; still heard at 1355. Thanks very much to Hiroyuki Komatsubara for the alert.

[https://www.youtube.com/watch?v=K\\_6EiCZ0srE&feature=youtu.be](https://www.youtube.com/watch?v=K_6EiCZ0srE&feature=youtu.be)  
Youtube music video "Into the New World" (Ron Howard, Asilomar State Beach, CA, E1 & CR-1, dxldyg via DX LISTENING DIGEST)

Unidentified - Korea(?) testing on 6215 kHz. Nov 26, on 4900 // 6215, at 1134; same song loop as yesterday; 4900 was fair/good (Ron Howard, San Francisco, ibid.)``

And Wolfgang B,schel replied, listening at the same time as I:  
``Around 1340-1400 UT, UNIDENTIFIED song singer in Korea? re 4900 // 6215 kHz, real measurement around 1340-1400 UT on a remote unit in eastern Thailand as 4899.9965 and 6215.0035 kHz. Signal strength in Eastern Thailand S=8 or -78dBm. Unit aligned against WWVH Hawaii 5000.0 and R Australia 4835.0 kHz. 73 Wolfgang df5sx``

Finally checking EiBi, we do find this but not at the times heard, and a lot more than 10 minutes each, but nary a number; holiday? ---  
4900 1455-1505 irr KOR V24 Numbers Station K 0c xx  
4900 1530-1540 irr KOR V24 Numbers Station K 0c xx

4900, Nov 27 at 1333, no signal from the S Korean numbers station which was on for hours and hours yesterday playing one song over and over. Numerous carriers, a few with audio are found on 60m frequencies mostly corresponding to East Turkistan, Tibet, India, China, Indonesia, between 1336 and 1346 Nov 27: 4869.99, 4895, 4880, 4850, 4820, 4810, 4800, 4749.94 Indonesian, 4920, 4950, 4970, 4980, 5006 = Japan?, 5010, 5040, 5050, 5060. It goes without mentioning that relatively bigsig from 4835 Australia and 4940 China are also to be heard (oops, I mentioned it) (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST) More at KOREA SOUTH!

UNIDENTIFIED. 6131.5 approx., Dec 2 at 0121, RTTY intruder is absent for second night, hope forever (Glenn Hauser, OK, WORLD OF RADIO 1802, DX LISTENING DIGEST) Did no one reading RTTY ever ID it??? (gh)

UNIDENTIFIED. 6215, Continuously looped song "Into the New World" first noted around 2000 on 25/11. Then again at 1125 on 26/11 with a fair signal. This frequency used to be the V24 numbers station (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Double Bazooka antennas for 80 and 40 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU, Dec Australian DX News via DXLD) See also UNID 4900

UNIDENTIFIED. 6995, a 'lengthy' buzzer toner of ca 1 second at 1604. Similar to the possibly well known buzzer toner in the region of 4620-50 kHz the older times (4-7 years ago?) (Zacharias Liangas,

Thessaloniki, Greece, Nov 27, DX LISTENING DIGEST) 4625

UNIDENTIFIED. 7718-USB, Dec 1 at 0219, 2-way in Spanish, splatter from 7730 intruder WRMI (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. UNKNOWNISTAN: 9665, 1558-1610+, 23-Nov; Anthem-like vocal, into Midnight in Moscow (slower version, not the jazzy version), into operatic vocal; no announcements. SI0=343- Nothing obvious in the lists; maybe China messing with us. CRI listed in PS, but going off at 1600 and hard to see them playing Midnight in Moscow. (Harold Frodge, Midland MI, USA, Drake R8B + 125 ft. bow-tie; 60 ft. RW & 185 ft. center-fed RW, All logged by my ears, on my receiver, in real time! DX LISTENING DIGEST) Less hard for North Korea? (gh, DXLD)

UNIDENTIFIED. 9811.7-USB, Nov 29 at 0132, weak Spanish 2-way INTRUDERS, S4-5 (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 9910.00-AM, Dec 1 at 0129, tone test. Before I can estimate its pitch, but somewhere around 1 kHz, stops at 0130 and starts saying ``Alfa, Delta, ----`` repeated slowly several times during following minute, with pauses. Third word something like ``baze``? not another Greek letter. Hard to be sure with so little to go on, but could have been with a German accent (or for that matter, German to start with). 0131 dead air past 0133+ when I move on; it's S7 with flutter. Next check sometime after 0200, no more such signal. Ideas? Nothing in HFCC, Aoki or EiBi to account for this; no regular broadcasters scheduled. One hit searching 9910 on hfunderground:

Quoting ``Dr. Tims Pirate NEWS Nr. 46/2014 - SW 16. November 2014 (Sonntag/Sunday) 9910,0U Baltic Sea Pirate 15.28 45444 E popoldies`` (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 10040/USB, 1728, 24-Nov; Continuous talk, so probably not an ATC; too weak to copy. No candidates in EiBi (Harold Frodge, Midland MI, USA, Drake R8B + 125 ft. bow-tie; 60 ft. RW & 185 ft. center-fed RW, All logged by my ears, on my receiver, in real time! DX LISTENING DIGEST) Not air traffic control, but rather VOLMET? (gh)

UNIDENTIFIED. 17574.70-USB, Nov 27 at 1513, INTRUDERS, 2-way in rapid colloquial Spanish, contacts at about equal strength, quick cambios. Hard for me to follow, but mentions frijoles, guarda-costas, puta --- so bean smugglers? Something about changing to 35 (secret frequency designator?) in the tarde (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 26110, 1538, 2-Dec; Fast code starting with VVV; didn't sound long enough for KMK282; no KOVR-TV audio. Nothing same time next day 1520-1545 (Harold Frodge, Midland MI, USA, Drake R8B + 125 ft. bow-tie; 60 ft. RW & 185 ft. center-fed RW, All logged by my ears, on

my receiver, in real time! DX LISTENING DIGEST)

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UNSOLICITED TESTIMONIALS

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ACKNOWLEDGED ON WORLD OF RADIO 1802:

Thank you, Glen[n] for the MANY years of your time and efforts informing us and promoting the Shortwave Listening hobby. Keep up the great work. Also, congrats on reaching 1800! World of Radio shows. Somewhere around I have a box full of "R.I.B.s" Ahh, those were the days. Reading RIB and anxiously waiting for the next QSL to arrive. Just as you have done, I've been "doing radio" for almost all my life. 35 years at NPR as of August 2015. "100% modulation, 100% of the time!" Joyous greetings to you during this season of Thanksgiving and Christmas. All the best to you for the New Year. We'll be listening and reading! (Vincent Destajo [Deh-STAH-ho], with a contribution via PayPal to woradio at yahoo.com)

TO BE ACKNOWLEDGED FUTURELY:

Great job with World of Radio, Glenn, always enjoy the broadcast. I listen by downloading the program every week when it's posted. 73, Rob, NV5E (Robert May, with contribution via PayPal)

Thanks to an anonymous contributor in Madoc, Ontario for a Canadian bank draft in US funds on a US bank to P O Box 1684, Enid OK 73702

Thanks to Fred Jodry, Demarest NJ, for a PMO in the p-mail to P O Box 1684, Enid OK 73702.

PUBLICATIONS

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UPDATED:

DX/SWL/Media Programs:

<http://www.worldofradio.com/dxpgms.html>

WORLD OF RADIO schedule:

<http://www.worldofradio.com/radioskd.html>

Alan Roe's HITLIST of SWBC stations:

<http://www.w4uvh.net/hitlist.htm>

(gh, December 4, DXLD)

WINTER B-15 SCHEDULES



are uploaded on our blog, temporarily on main page. Please visit:  
<http://swldxbulgaria.blogspot.bg>  
-- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Nov 28, dxldyg via DXLD)

NTT-1512, LETZTE AUSGABE

Prof. Dr. Hansjörg Biener - Neulichtenhofstr. 7 - DE-90461 Nürnberg  
<http://www.biener-media.de>

Werte Empfänger, mit Zufriedenheit und Wehmut versende ich hiermit die letzte Ausgabe des ntt zur Weiterverarbeitung und -verwendung.

Anlass ist der Rückzug von Georg Einfalt vom Kurzwellenhobby und damit verbunden das Ende von <http://www.kwrs.de>. Es ist an mir, ihm ganz herzlich zu danken, dass die Dateien des ntt und auch von Medien aktuell: Kirche im Rundfunk reibungslos weiterverarbeitet bzw. im Mitgliederbereich von KWRS bzw. später ADXB-DL eingestellt wurden.

In den Jahren der Erstellung des digitalen ntt gab es sehr wenig Zuarbeit, so dass viel Eigenrecherche in den Meldungen steckte, selbst wenn der eigene Name nicht dabei stand. Dennoch: Ohne Wolfgang Benschels BCDX und Glenn Hausers DX Listening Digest, in früheren Jahren Radio Netherlands Media Network und in jüngerer Zeit Kai Ludwigs Meldungen bei RBB und Bernd Seisers Meldungen zu den Sendeplänen deutschsprachiger Sender wäre der ntt nicht die Nachrichtenquelle gewesen, die er war. Ihre Bedeutung zeigte sich nicht zuletzt in der Übernahme in die Publikationen kleinerer Hörerverbände.

Die e-group MA-DX, die im wesentlichen der Verbreitung des ntt, und die eigene Website [www.biener-media.de](http://www.biener-media.de), die einst Portraits fast aller deutschsprachigen Auslandsdienste und deutschen Kurz-, Mittel- und Langwellensender enthielt, werden mit dem Akzent auf deutschsprachige Angebote weitergeführt.

Mit allen guten Wünschen, (Hj. Biener, Nov 30, DX LISTENING DIGEST)

Tnx, Hansjoerg, for putting out such a carefully edited DX bulletin for all these years! (GH)

LATIN AMERICAN DX SURVEY 2015 Available for Free Download

Rob Wagner has compiled the 2015 survey of Latin American broadcasters. This list represents those stations that were monitored at his QTH at Mount Evelyn, VIC. It is not intended as a complete list of all stations operating in South America. The survey covers many domestic South American stations as well as two international

broadcasters between March and September this year.

Also featured in this year's survey is an article he wrote for the August issue of The Spectrum Monitor magazine entitled "Radio Verdad - Small Signal, Big Heart", which focuses on this very unique Guatemalan broadcaster. This free survey is a 16-page PDF document, approx. 11 mb download. For more details, go to:  
<http://medxr.blogspot.com.au/2015/10/latin-american-dxsurvey-2015-available.html>  
(Dec Australian DX News via DXLD)

``Sorry but this page does not exist, it says``. The correct URL without the .au (optional?) and \*with\* an additional hyphen is:  
<http://medxr.blogspot.com/2015/10/latin-american-dx-survey-2015-available.html>  
and direct download link is:  
<https://app.box.com/s/mfxf0sxdm3iddycl23ojvls8iv39n8rb>  
Includes a colorful map of the states of Brasil; full skeds of CRI via Cuba and RHC (gh, DXLD)

#### CONVENTIONS & CONFERENCES

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#### WORLD RADIOCOMMUNICATION CONFERENCE ALLOCATES SPECTRUM FOR FUTURE INNOVATION

Geneva, 27 November 2015 ñ The World Radiocommunication Conference 2015 (WRC-15) has concluded its deliberations as delegates sign the Final Acts that revise the Radio Regulations, the international treaty governing the use of radio-frequency spectrum and satellite orbits.

Around 3300 participants, representing 162 out of ITUís 193 Member States attended the four-week conference from 2 to 27 November. Some 500 participants representing 130 other entities, including industry, also attended the conference as observers.

#### New challenges, new opportunities

As new technological innovations and applications emerge, they set new challenges as well as bring new opportunities for billions around the world,í said Mr Festus Daudu, Chairman of WRC-15. íThis conference dealt with a large number of important and sensitive issues, ranging from mobile broadband communications and satellite systems to emergency communications and disaster relief, maritime and aeronautical communications, environmental monitoring and climate change, universal time and space research as well as radiocommunication services that the public relies on for health, information, education, security and safety.í

íThis World Radiocommunication Conference will define new and better

ways to regulate radio services and applications," said ITU Secretary-General Houlin Zhao. "In a world where radiocommunications are playing an increasingly important role in connecting people, I am convinced that the outcome of this conference will represent a major contribution in making the world a better and safer place for all."

A great deal has been achieved in the last four weeks and the results will have a major impact on the future of the telecommunication sector in general and radiocommunications in particular," said Mr François Rancy, Director of the ITU Radiocommunication Bureau. "The outcomes of WRC-15 are aimed at maintaining a stable, predictable and universally applied regulatory environment that secures long-term investments for the multitrillion dollar ICT industry."

WRC-15 addressed over 40 topics related to frequency allocation and frequency sharing for the efficient use of spectrum and orbital resources.

The outcomes ensure high quality radiocommunication services for mobile and satellite communications, maritime and aeronautical transport, air and road safety as well as for scientific purposes related to the environment, meteorology and climatology, disaster prediction, mitigation and relief. The ITU Radiocommunication Sector has been set an ambitious studies programme for the next four years covering a wide range of services from amateur radio to broadcasting, mobile broadband, mobile satellite, fixed satellite, earth stations on mobile platforms, and space exploration services.

Some Key outcomes of WRC-15

Amateur radio service gets new allocation

New allocation for amateur radio service in the frequency band 5351.5 - 5366.5 kHz will maintain stable communications over various distances, especially for use when providing communications in disaster situations and for relief operations.

Emergency communications and disaster relief

WRC-15 identified spectrum in the 694-894 MHz frequency band to facilitate mobile broadband communications for robust and reliable mission critical emergency services in public protection and disaster relief (PPDR), such as police, fire, ambulances and disaster response teams.

Search and rescue

WRC-15 reinforced protection to Search and Rescue beacons that transmit in the 406-406.1 MHz frequency band signals to uplink to search and rescue satellites, such as the Cospas-Sarsat system. Resolution 205 was modified to ensure that frequency drift characteristics of radiosondes are taken into account when operating above 405 MHz to avoid drifting close to 406 MHz. Administrations are requested to avoid making new frequency assignments for the mobile and fixed services within the adjacent frequency bands to prevent interference in the frequency band 406-406.1 MHz. As of December 2013, the Cospas-Sarsat System has provided assistance in rescuing over 37,000 persons in over 10,300 incidents worldwide.

#### Earth observation satellites for environmental monitoring

WRC-15 agreed to new allocations in the 7-8 GHz frequency range needed to uplink large amounts of data for operations plans and dynamic spacecraft software modifications that will eventually lead to simplified onboard architecture and operational concepts for future missions of earthexploration satellite services (EESS).

#### Unmanned aircraft and wireless avionics systems

WRC-15 opened the way for the development by ICAO of worldwide standards for unmanned aircraft systems (UAS), and identified the regulatory conditions that may be applied to such systems internationally.

WRC-15 also agreed on spectrum for wireless avionics intracommunications

(WAIC) to allow for the heavy and expensive wiring used in aircraft to be replaced by wireless systems.

#### Global flight tracking for civil aviation

Agreement was reached on the allocation of radio-frequency spectrum for global flight tracking in civil aviation for improved safety. The frequency band 1087.7-1092.3 MHz has been allocated to the aeronautical mobilesatellite service (Earth-to-space) for reception by space stations of Automatic Dependent Surveillance-Broadcast (ADS-B) emissions from aircraft transmitters. This will facilitate reporting the position of aircraft equipped with ADS-B anywhere in the world, including oceanic, polar and other remote areas. The International Civil Aviation Organization (ICAO) will address the performance criteria for satellite reception of ADS-B signals according to established standards and recommended practices (SARP).

#### Enhanced maritime communications systems

WRC-15 considered regulatory provisions and frequency allocations to enable new Automatic Identification System (AIS) applications and other possible new applications to improve maritime radiocommunication. New applications for data exchange, using AIS technology, are intended to improve the safety of navigation. New allocations were made in the bands 161.9375-161.9625 MHz and 161.9875-162.0125 MHz to the maritime mobile-satellite service. Studies will continue on the compatibility between maritime mobile-satellite service (MMSS) in the downlink in the band 161.7875-161.9375 MHz and incumbent services in the same and adjacent frequency bands.

## Road Safety

Radio-frequency spectrum needed for the operation of short-range highresolution automotive radar has been allocated in the 79 GHz frequency band. This will provide a globally harmonized regulatory framework for automotive radar to prevent collisions and improve vehicular safety by reducing traffic accidents. According to UN data, more than 1.25 million fatalities occur each year on the roads around the world.

## Operation of broadband satellite systems: Earth Stations in Motion

WRC-15 agreed to facilitate the global deployment of Earth Stations In Motion (ESIM) in the 19.7-20.2 and 29.5-30.0 GHz frequency bands in the fixed-satellite service (FSS), paving the way for satellite systems to provide global broadband connectivity for the transportation community.

Earth stations on-board moving platforms, such as ships, trains and aircraft, will be able to communicate with high power multiple spot beam satellites, allowing transmission rates in the order of 10-50 Mbits/s.

## Universal Time

WRC-15 decided that further studies regarding current and potential future reference time-scales are required, including the modification of coordinated universal time (UTC) and suppressing the so-called leap second. A report will be considered by the World Radiocommunication Conference in 2023. Until then, UTC shall continue to be applied as described in Recommendation ITU-R TF.460-6 and as maintained by the International Bureau of Weights and Measures (BIPM). (ITU via Craig Seager, Dec ADXN via DXLD)

Ha, it looks like no changes at all were made to HF SWBC bands; not even much-needed segregation of DRM from analog spectra (gh, DXLD)

## LANGUAGE LESSONS

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### A MATTER OF DEGREES vs DEGREES

In press coverage of the global climate summit, and whenever global warming is discussed in terms of degrees, I NEVER see/hear a distinction made between actual temperatures, and DIFFERENCES in temps.

One of the first things I learned from my professor in Physics 101 at Washington U. in 1963, was that while ``degrees Fahrenheit`` or ``degrees Celsius`` is the proper unit following a temperature number; when speaking of a difference in temps, the proper terminology is reversed: ``Fahrenheit degrees`` or ``Celsius degrees``. Think about it (Glenn Hauser, ex-MO, DX LISTENING DIGEST)

### CACHE vs CACHET

Poppy whatshername, anchorette on CNN, keeps referring to the California killers as having a ``cachet of weapons`` (kah-SHAY). The word is cache (CASH). If you don't know the difference, look them up! (Glenn Hauser, DX LISTENING DIGEST)

## WORLD OF HOROLOGY

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RUSSIA: Mass media ===== The government has approved the change of time zones in the two regions.

<http://www.rbc.ru/rbcfreenews/5653e88a9a79475f405a0f56>

The Russian government to support the bill on the transfer of Astrakhan area and the Trans-Baikal region in a different time zone. This is stated in released Tuesday a statement on the government website. One of the bills proposed the deletion of the seventh Trans-Baikal Territory time zone (GMT +5, UTC + 8) and take it to the eighth time zone (GMT +6, UTC + 9). [SIC]

Another bill provides for an exception from the Astrakhan region second time zone (GMT, UTC + 3) and the assignment of its third time zone (GMT +1, UTC + 4).

According to the report, these changes will lead to an increase in total for the year effectively used public light the evening time of day from 18 to 23 hours.

In the night from 25 to 26 October 2014 for the whole of Russia was transferred to the hands of time permanent winter. Constant winter was

returned to Russia 1 July 2014. Then, the State Duma adopted amendments to the law <on-year time>. July 22, Russian President Vladimir Putin signed the law. In the Later transfer clock is not planned, and the spring daylight saving No becomes. On Monday, it became known that the National Assembly Altai Republic has submitted to the State Duma a bill on referring to the region of the 6th time zone (GMT + 4), that is, the transfer of the arrows on the hour ahead.

The relevant draft law was published in the database of the State Duma. How It noted in the explanatory note to the document, in October 2014 Russia I moved to a permanent winter, resulting in the light day in the Altai. It was the start <long before the awakening of man, and became offensive approach so early that most of the afternoon, when the man returns home from work falls on the dark>. (via Dmitry Kutuzov, Ryazan, Russia / "deneb-radio-dx" via RusDX Nov 30 via DXLD)

What are they talking about? UTC and GMT are the same, not 3 hours apart. Another translation fracasy? (Glenn Hauser, DXLD)

DIGITAL BROADCASTING --- DRM See INDIA; NIGERIA; RUSSIA; CONVENTIONS &  
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DIGITAL BROADCASTING --- DTV See MEXICO; OKLAHOMA  
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RADIO EQUIPMENT FORUM  
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THE 2015-2016 SHORTWAVE RADIO BUYER'S GUIDE  
Southgate December 3, 2015

[http://www.southgatearc.org/news/2015/december/shortwave\\_radio\\_buyers\\_guide.htm](http://www.southgatearc.org/news/2015/december/shortwave_radio_buyers_guide.htm)

Despite the often-expressed view that shortwave may be on the decline, if one were to look at this year's shortwave receiver technology alone, the truth would seem to be anything but. Remarkably, 2015 has been a great year for the shortwave radio listener, as several models of portables, tabletops, and SDRs have been either introduced or improved.

The following is a basic, easy-to-follow buyer's guide to some of the best receivers on the market currently. This guide is, by no means, comprehensive; rather, it's a selection of rigs I have tested, some of which I now own. It builds on the guide I published in the November 2014 issue of TSM, and highlights innovations since that issue, while still acknowledging the contributions of previous models.

Click here to view the full guide:

<http://swling.com/blog/2015/12/the-swling-post-2015-2016-shortwave-radio-buyers-guide/>

Thomas, K4SWL --- Posted by: (Mike Terry, dxldyg via DXLD)

## PROPAGATION

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### IMMEDIATE PROPAGATION INDICES --- by Mark Coady

Many SWLs and DXers are familiar with the solar indices on WWV and WWVH - at 18 and 45 minutes past each hour respectively. While these used to be quite detailed twenty or thirty years ago they are very basic and not of much use to the average listener. What some of you may not be aware of are the websites that give current and forecasted ionospheric conditions.

#### NONBH

Paul Hernnan, NONBH in Sierra Vista, AZ, has an excellent website that gives you a snapshot of current and forecasted ionospheric conditions at:

<http://www.hamqsl.com/solar.html>

While it is aimed at the amateur radio operator it does not take a rocket scientist to extrapolate the reports for the various HF amateur bands to the shortwave broadcast bands. By looking at this report, periodically, you can see if there is a good chance of reception of your favourite shortwave broadcaster. And, if you are having difficulty hearing a particular station or a particular part of the world, a quick check can tell you if the reason is ionospheric conditions.

#### VE3EN

Another excellent propagation website is run by Kevin Gibeau, VE3EN in Cornwall, ON at:

<http://www.solarham.net>

Kevin's report uses the same information as Paul Hernnan but also adds the forecasted chances of an M Class or X Class solar flare along with a report of whether you are experiencing an geomagnetic storm or a radiation storm. This last bit of information is important because a solar flare or a CME (coronal mass ejection) can cause a lot more problems as a radiation storm but is generally short-lived and takes time (usually a couple of days) to reach the Earth. A geomagnetic storm might simply be the result of Earth's magnetic field interacting with the solar wind and can often last much longer than a radiation storm.

#### SPACE WEATHER

A popular website is

<http://www.spaceweather.com>



As well as solar indices there are links to a lot of space-related stories and often pretty pictures of the aurora taken by amateurs. The left hand sidebar always has an image of the Earth-facing sun showing sunspot locations and a view of the current auroral oval. So, when you are wondering what the ionospheric conditions are, or why the bands have suddenly gone silent, you have three websites at your disposal to assist you (Mark Coady, Beginner's Classroom, Dec ODXA Listening In via DXLD)

:Product: Weekly Highlights and Forecasts  
:Issued: 2015 Nov 30 0318 UTC  
# Prepared by the US Dept. of Commerce, NOAA, Space Weather Prediction Center  
# Product description and SWPC contact on the Web  
# <http://www.swpc.noaa.gov/weekly.html>  
#  
# Weekly Highlights and Forecasts  
#  
Highlights of Solar and Geomagnetic Activity 23 - 29 November 2015

Solar activity was at very low levels with the exception of 23 and 25 November. Region 2454 (N14, L=121, class/area Dai/150 on 23 Nov) produced a few C-class events, the largest a C8/1f at 23/0228 UTC. Between 24/1130-1530 UTC, SDO/AIA 193 and 304 imagery observed a 20 degree long eruption, centered near S10W00, along a NW to SE oriented filament channel. No Earth-directed coronal mass ejections were observed during the period.

No proton events were observed at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit reached moderate levels on 23-27 November but decreased to normal levels on 28-29 November.

Geomagnetic field activity was at quiet levels from 23-26 November. Mostly quiet levels were observed with a few isolated unsettled periods on 27-29 November and a single active period observed during the 29/2100-2400 UTC synoptic period due to prolonged negative Bz and slightly elevated solar wind speed.

FORECAST OF SOLAR AND GEOMAGNETIC ACTIVITY 30 NOV - 26 DEC 2015

Solar activity is expected to be at very low to low levels throughout the forecast period.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is

expected to be normal to moderate levels for the majority of the period with the exception of 03-05 December, 08-09 December and 11-15 December following several recurrent coronal hole high speed streams (CH HSS).

Geomagnetic field activity is expected to be unsettled to active on 30 November-02 December with minor storm periods expected on 01 December due to a recurrent positive polarity CH HSS. Quiet to unsettled levels are expected from 03-05 December. Isolated active periods are likely again on 06-07 December and 10 December as two subsequent positive polarity CH HSSs become geoeffective respectively. Quiet to unsettled conditions are expected to dominate the remainder of the forecast period.

:Product: 27-day Space Weather Outlook Table 27D0.txt

:Issued: 2015 Nov 30 0318 UTC

# Prepared by the US Dept. of Commerce, NOAA, Space Weather Prediction Center

# Product description and SWPC contact on the Web

# <http://www.swpc.noaa.gov/wwire.html>

#

# 27-day Space Weather Outlook Table

# Issued 2015-11-30

#

| # | UTC         | Radio Flux | Planetary | Largest  |
|---|-------------|------------|-----------|----------|
| # | Date        | 10.7 cm    | A Index   | Kp Index |
|   | 2015 Nov 30 | 95         | 12        | 4        |
|   | 2015 Dec 01 | 100        | 25        | 5        |
|   | 2015 Dec 02 | 105        | 15        | 4        |
|   | 2015 Dec 03 | 105        | 8         | 3        |
|   | 2015 Dec 04 | 110        | 8         | 3        |
|   | 2015 Dec 05 | 110        | 8         | 3        |
|   | 2015 Dec 06 | 110        | 12        | 4        |
|   | 2015 Dec 07 | 110        | 18        | 4        |
|   | 2015 Dec 08 | 115        | 10        | 3        |
|   | 2015 Dec 09 | 115        | 8         | 3        |
|   | 2015 Dec 10 | 115        | 12        | 4        |
|   | 2015 Dec 11 | 115        | 10        | 3        |
|   | 2015 Dec 12 | 115        | 8         | 3        |
|   | 2015 Dec 13 | 115        | 8         | 3        |
|   | 2015 Dec 14 | 110        | 8         | 3        |
|   | 2015 Dec 15 | 105        | 8         | 3        |
|   | 2015 Dec 16 | 100        | 10        | 4        |
|   | 2015 Dec 17 | 105        | 8         | 3        |
|   | 2015 Dec 18 | 105        | 5         | 2        |
|   | 2015 Dec 19 | 110        | 5         | 2        |
|   | 2015 Dec 20 | 110        | 5         | 2        |
|   | 2015 Dec 21 | 105        | 5         | 2        |

|             |     |   |   |
|-------------|-----|---|---|
| 2015 Dec 22 | 100 | 5 | 2 |
| 2015 Dec 23 | 100 | 5 | 2 |
| 2015 Dec 24 | 100 | 8 | 3 |
| 2015 Dec 25 | 100 | 8 | 3 |
| 2015 Dec 26 | 100 | 8 | 3 |

(SWPC via WORLD OF RADIO 1802, DXLD)

GLENN'S PROPAGATION OUTLOOK FOR MEDIA NETWORK PLUS, AS OF DEC 3, 2015

IPS in Australia calls for moderately degraded HF conditions for the next few days from December 3; the global HF propagation forecast thru December 5, normal at low latitudes, normal to fair at middle and high latitudes.

From Spaceweather South Africa, magnetic conditions quiet, becoming unsettled December 5; shortwave fadeouts unlikely, MUF unstable.

From MET Office UK, the Four-Day Space Weather Forecast Summary: Solar activity expected to continue at Low or Very Low levels. Geomagnetic activity mainly Quiet to Unsettled. Later December 5, geomagnetic activity may increase to Unsettled to Active. On December 6, an increased chance of a minor geomagnetic storm.

Petr Kolman, OK1MGW in Prague predicts the Geomagnetic field will be: quiet to active on December 4, 5, 7 - 8, 10, 14 - 15  
active to disturbed on December 6  
quiet to unsettled on December 9, 11 - 12  
mostly quiet on December 13, 16  
quiet on December 17 - 22

From SWPC in Boulder:

Isolated active periods in the geomagnetic field are likely again on December 6, 7 and 10, with A and K indices peaking at 18 and 4 on December 7; otherwise mostly 8 and 3, but lowest at 5 and 2, from December 18 to 23. Solar flux peaking at 115 December 8-13, and dipping to 100 on December 16, and 22 to 26.

William Hepburn's VHF-UHF-Microwave DX maps call for extreme tropospheric ducting off Namibia thru December 6 and west of Baja California Sur on December 8 (via DXLD) ###